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1883 - 65<sup>th</sup> Annual Catalog - 1947

# OSCAR H. WILL & CO.

## BISMARCK, NORTH DAKOTA

Seed Corn Specialists • Seeds • Trees • Plants

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U. S. Department of Agriculture

MANDAN WOMEN BRINGING IN CORN AT HARVEST

Will G. Benson  
1945

PIONEER SEEDHOUSE  
NURSERY & GREENHOUSES  
OF THE NORTHWEST

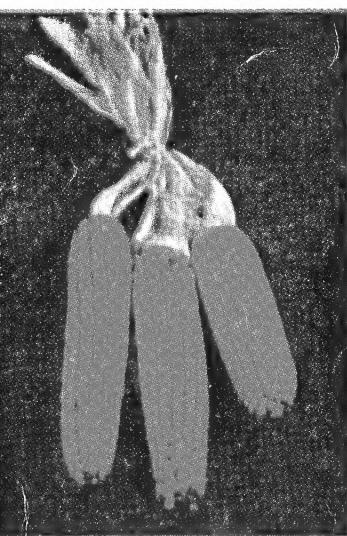
WILL'S PIONEER  
BRAND



TRADE MARK REGISTRED

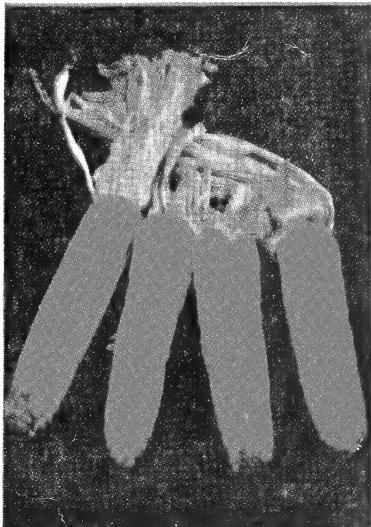
# PLANT WILL'S PIONEER HYBRID SEED CORN

Will's Pioneer Hybrids are bred and produced by ourselves right here in Burleigh County from inbreds of hardy, acclimated corn varieties, such as Falconer, Alta, Rustler, Pride of the Plains, etc., especially for Northern Great Plains conditions.



**Hybrid J**

See Page 47.



**Hybrid D**

See Page 47.  
Per bu. \$10.00



**New Red Star Corn**

Red Star in field. Note height of ears.

**No. Dak. Hybrid No. 301—**  
See Page 47.

An extra early Yellow Dent Hybrid adapted to our territory particularly. Developed at the North Dakota Experimental Station.

**Hybrid A**  
See Page 47.

A pure Falconer Cross consisting of four Falconer Inbreds.  
Per bu. \$10.00



**FIELD PICTURE**

Our breeding ground where new inbreds for hybrid production are started.

**Sunshine Sweet Corn**

80-day, high quality, Dakota Bred. See Page 25.

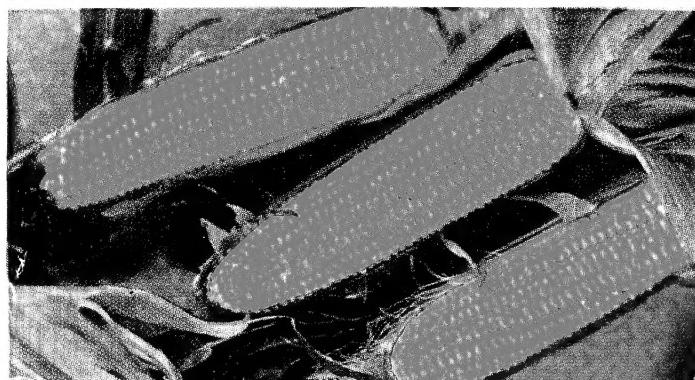


**Red Star Ears**

Seed Corn \$5.50 per bu.  
See Page 49.



New Orchard 60 Day Sweet Corn. The earliest to date. See Page 24. Pkt., 10c; 2 oz., 20c



**Wazu Muskmelon**

See Page 33.  
Pkt., 10c; oz., 30c

# GET THIS BIG LIVE MAGAZINE

**12 MONTHS 50¢ or 60 MONTHS \$2**

YOU will wonder how these two great up-to-the-minute illustrated magazines, *Farm Journal* and *The Farmer's Wife*, now printed together, can cost so little. It's for all—men, women, boys and girls,—clean and wholesome, no liquor advertisements. You will be delighted with each month's visit.

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## WORLD'S LARGEST FARM MAGAZINE

FARM JOURNAL AND FARMER'S WIFE is published monthly; big issues; new timely features; fine pictures, beautiful colored covers. Concise, easy to read, 70 years old. Largest mail subscription list in the world,—over 2,650,000 subscribers from Maine to California.

## Something for the Whole Family

For folks who live in the Country and love the Country. This fastest printed magazine with month-ahead information gets the important news to you first when valuable and useful!

FARM JOURNAL section: Latest ideas in farm practice, equipment and machinery repair, "How to Do Things," livestock, dairying, poultry, crops, orchard, garden and everything about the farm. Will keep you up-to-date on changing conditions affecting your farming operations. Latest Washington news so important to farmers.

DON'T FAIL TO READ "LATE AND IMPORTANT LETTER" EVERY ISSUE: PREDICTS FUTURE TRENDS IN BUSINESS OF FARMING

FARMER'S WIFE section, with its beautiful cover in colors, is a complete magazine for women readers. Homemaking, decorating, renovating, fashions, needle-work patterns. Health and beauty, child care. Foods, canning, recipes. Farm Women's letters. Clean, interesting fiction.

DEPARTMENTS FOR GIRLS AND BOYS: Latest 4-H Club and FFA news, answers to young folks' problems, grooming, etiquette, parties, games, movies, sports, aviation, hobbies, money-making ideas, jokes, cartoons.

Mail this Coupon today with remittance (at our risk), direct to Farm Journal and Farmer's Wife, Dept. C., Philadelphia 5, Pa.

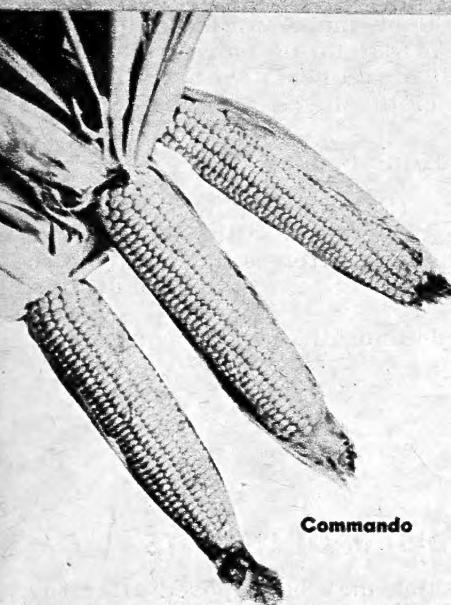
Recommended by

**OSCAR H. WILL & CO.**

IF YOU ARE NOW A SUBSCRIBER, YOU MAY MAIL OR  
GIVE THIS VALUABLE COUPON TO A FRIEND WHO IS NOT.

per DU. \$10.00

## OUTSTANDING ITEMS FOR NORTHERN PLANTERS



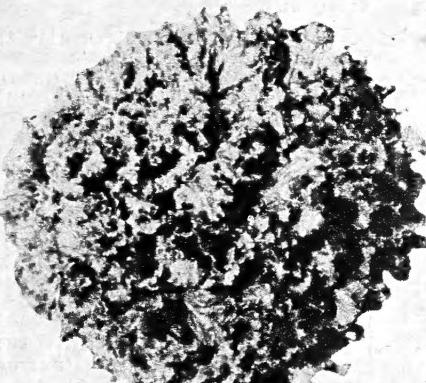
Commando



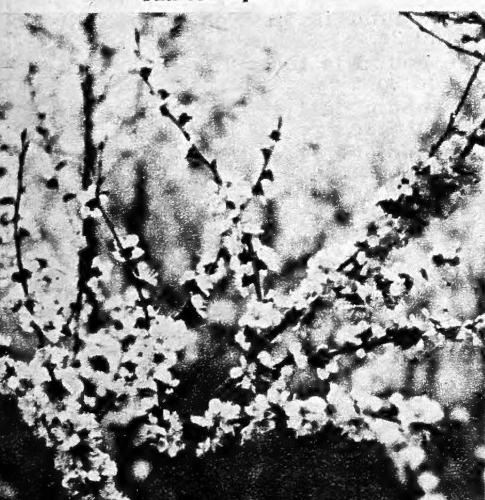
Dakota Sweet

**SLOBOLT LETTUCE.** A curled and frilled leaf variety developed by the U.S. Department of Agriculture; of highest quality and at least two weeks slower in going to seed than any other sort. Pkt., 15c;  $\frac{1}{2}$  oz., 30c; oz., 50c.

Chinese Apricot



Slobolt Lettuce



**SUN GOLD SUNFLOWER.** (A) Brilliant, all double, large, golden yellow blooms. Plant grows 4 feet high. Pkt., 10c;  $\frac{1}{4}$  oz., 20c.

**CHINESE APRICOT.** First shrub to bloom in spring long before leaves are out. Very hardy. Cold resistant. Has windbreak value. 12-18 in., each., 35c; 10, \$3.25.

**COMMANDO SWEET CORN.** A cross from our seed plots. Golden Gem crossed with the very early but taller growing Russian Yellow flint. Good size combined with extreme earliness, good habit and good quality. Postpaid, pkt., 10c;  $\frac{1}{4}$  lb., 16c; lb., 45c.

**DAKOTA WILD PLUM.** A hardy native fruit. Makes superb sauce, jam and jelly. Fits into the wind break. 2 to 3 ft., each 35c; 10, \$3.25. For seedlings see page 59.

**SIOUX TOMATO.** An early, heavy yielding, red Tomato developed in Nebraska. It has proven outstanding in South Dakota trials and gardens. Pkt., 15c;  $\frac{1}{2}$  oz., 55c; oz., \$1.00.

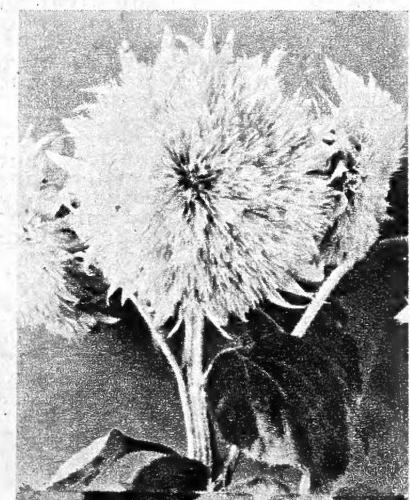
**DAKOTA SWEET WATERMELON.** One of Dr. Yeager's best introductions. The ultimate in sweetness. Very early, very prolific. Family size. Postpaid, pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 60c;  $\frac{1}{2}$  lb., \$1.10; lb., \$2.00.



Bush Cherry

**BUSH CHERRY or WESTERN SAND CHERRY.** Popularized by the breeding work of Dr. N. E. Hansen. Hardy, very productive, fine for jelly, jam & sauce. Plant like currant bushes. 12-18 in., each, 20c; 10, \$1.75.

Sun Gold



**FREE****PREMIUMS**

With every order for vegetable and flower seeds of \$20.00 or more, for seed grain or nursery stock of \$30.00 or more we shall be glad to furnish on request two pairs of serviceable brown cloth gloves.

In place of the gloves, for those preferring it, we can send the following books:

**Guide to Corn Growing in the American and Canadian Northwest.** (Sales price, 50c.) A complete handbook of Corn History, Corn Breeding, Corn Growing, Corn Varieties, and the handling of the crop; in popular form and non-technical language. Deals with all matters relating to corn production under the special requirements of Northwestern and Northern Great Plains conditions, including a discussion of hybrids.

**FARM RECORD BOOK.** Easy system for keeping income tax records and all records required for the farm **THERMOMETER.** Outdoor wooden thermometer 12 in. long.

**GENERAL INFORMATION****BE SURE TO ORDER EARLY AND AVOID DELAYS & DISAPPOINTMENTS**

All prices quoted are subject to change without notice. Any tax which may be imposed after the printing of this catalog upon items listed must be added by the customer to the quoted price.

Prices quoted on items covered by price ceilings are at ceiling or below.

**HOW TO SEND MONEY.** Remittance should be made by Postoffice or Express Money Order or by Bank Draft. Personal checks on banks are accepted, but customers must pay exchange and collection charge of 5 cents. U. S. stamps are accepted.

ALASKA customers are asked to send drafts, money orders or stamps for small amounts. Exchange rates on Alaska checks are prohibitive.

C.O.D. We fill C.O.D. orders only when 25% of the amount is sent. We do not accept any C.O.D. orders for perishable goods.

**DELIVERY OF GOODS.** Goods may be sent by mail, express or freight. Postpaid prices are quoted in most cases. Parcel Post rates are given so that customers can figure the amount necessary to add to freight prices when larger amounts are desired by mail. If you wish goods sent by mail be sure that you remit mail prices. The Parcel Post weight limit is 70 lbs. Weight limit for Parcel Post to Canada 15 lbs. at 14c per lb. There is no reduction on postpaid prices of packet and ounce goods if sent by express or freight.

**EXPRESS AND FREIGHT.** Quotation F. O. B. here means that we deliver the goods to the express or railway company. The purchaser pays all transportation charges on receipt of goods. On moderate sized orders we advise express shipment rather than freight. All prices are F. O. B. here unless quoted postpaid.

Upon delivery of goods to transportation company, a sale is completed. In event of loss or damage to goods in transit the purchaser must have notation of such loss placed upon his receipt, and may then file claim for loss at his station, or may send the necessary papers to us when we shall gladly enter claim for him, remitting to him as soon as the claim is paid.

Remember that our responsibility ceases on delivery in good order to the transportation company, and it is therefore imperative that every purchase be carefully examined for loss or damage before accepting it.

We do not guarantee replacement of goods sent by mail. An additional remittance of five cents will insure any mail package. We can not insure plants and nursery stock so there is no recourse in case of delay and injury when mailed.

**PACKING.** No charge is made for boxes, bags or wrapping for any goods offered in this catalog.

**KEEP A COPY OF YOUR ORDER.** Check goods received with this copy. Sometimes items are sold out or will follow later, in which case a slip is enclosed with goods or notices sent.

**MISTAKES.** These will happen in spite of all care. Write us at once with copy of original order and order number, and mistake will be promptly rectified. Please do not return goods until you hear from us.

Notify us if you hear nothing of your order within a reasonable time.

**OUR RESPONSIBILITY.** It is so manifestly impossible for a seller of any perishable goods to be

responsible for what happens to them after they leave his hands, especially goods like seeds and plants which are planted in the ground under varying conditions of soil and climate, that we, in common with all American seed houses, disclaim responsibility as to crop which may be raised from the seeds which we sell.

We wish it understood that all goods are sold under the following general non-warranty.

We give no warranty, express or implied, as to the productiveness of any seeds, trees, plants or bulbs we sell and we will not be in any way responsible for the crop. Our liability, in all instances, is limited to the purchase price of the seed.

However, we wish to call the attention of our customers to the fact that we make careful tests of all seeds in our stock and endeavor to see that nothing but goods of the very highest quality are sent out.

We urge most strongly that every bit of seed grain or seed corn received from us be tested. Should the test prove unsatisfactory or the goods not as represented we should be notified at once and an immediate adjustment will be made.

With regard to trees or plants, if sent by express, and damage is noted by consignee at the station, we are glad to replace or refund. We do not guarantee nursery stock and plants after being taken from the express office, but are always willing to give attention to just claims for loss.

**PARCEL POST RATES**

Limit of weight, 70 lbs.

If You Do Not Know Which Zone Rate Applies, Consult Your Postmaster.

**For Zones 1 and 2**—One pound is 8c; 2 lbs. 10c. Add 1c per pound to 10c for each additional pound weight or fractional pound of the package. Thus 7 pounds will be 10c plus 5 additional pounds at 1c per pound, or 15c.

**Zone 3**—One pound is 9c. For each additional pound add 2c.

**Zone 4**—One pound is 10c. For each additional pound add 3.5c.

**Zone 5**—One pound is 11c. For each additional pound add 5.3c.

**Zone 6**—One pound is 12c. For each additional pound add 7c.

**Zone 7**—One pound is 14c. For each additional pound add 9c.

**Zone 8**—One pound is 15c. For each additional pound add 11c.

This zone rate covers all Alaska parcels. No Alaska parcel may be longer than 18 inches.



After a year or more of Peace of a sort, it seems obvious to most mortals possessing a little common sense that what we really need now is to get back to work and cut out our fooling around.

The pioneer farmer in the drawing above is exhibiting an energy and singleness of purpose in getting the work done which should serve as an example for all of us in the year ahead.

There can be no prosperity and no advanced standard of living unless all our citizens buckle down to produce the goods which are required to fulfill the demands of a higher standard.

Meantime food as well as other goods is not yet too plentiful, and some seeds are not in too great a supply. It would be wise to plan another good garden and to order your garden seed supply early.

The year 1947 is with us and we hope you will like the new 1947 Will's Catalog. We call your special attention to the fact that we have at last been able to produce a real stock of our **Great Plains bred and adapted Pioneer Hybrid Seed Corn**.

This is our **65th annual Catalog** and we have been in business here at Bismarck for 66 years. Dakota has changed greatly since Oscar Will started his first modest little seed business. Two generations of Pioneer families have been born and have grown up in our Dakota home land and we are glad to note that the children and grandchildren of our old pioneer customers continue to follow in the steps of their fathers and patronize Oscar Will's Pioneer Seed House. We appreciate the confidence shown in us and shall ever strive to deserve it.

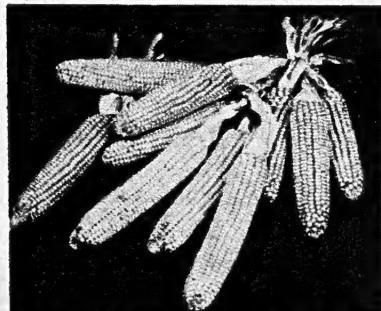
## **WILL'S PIONEER HYBRID CORN**



Hybrid A

**HYBRID A** (The Falconer Hybrid). Bred and produced through our own breeding plots. A distinct improvement over standard Falconer. Postpaid, 1 lb., 50c; F.O.B. here, 7 lbs., \$1.40; bu., \$10.50.

**HYBRID D** (Falconer-Alta). One of our best yielding Hybrids. Falconer blood gives hardiness and high yield. Alta blood gives dent habit. Postpaid, 1 lb., 50c; F.O.B. here, 7 lbs., \$1.40; bu., \$10.50.

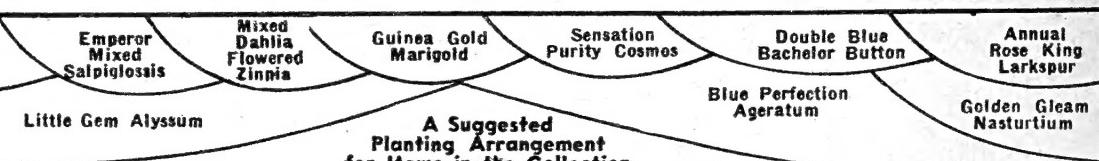


Hybrid D

All  
Flower  
Seed  
Postpaid

Something  
Extra of Our  
Own Selection  
Will Be  
Included with  
Every Order  
for Garden  
or  
Flower Seed  
Over 25 cts.

# WILL'S Flower Seed



A Suggested  
Planting Arrangement  
for Items in the Collection

**80c For Cutting or Bedding WILL'S GLORIOUS FLOWER COLLECTION 80c**

11 Packets of Will's Flower Seeds, One Each of the Following:  
(See inside back cover for colored picture.)

Blue Perfection Ageratum  
Little Gem Alyssum  
Double Blue Bachelor Button  
Sensation Purity Cosmos  
Annual Rose King Larkspur

Guinea Gold Marigold  
Golden Gleam Nasturtium  
Rosy Morn Petunia  
Emperor Mixed Salpiglossis  
Dahlia Flowered Zinnia

Crimson Gem Pompon Zinnia

With Cultural Directions and Plan for  
Bed Planting.  
**THE COLLECTION FOR 80c.**



Antirrhinum—Snapdragon

**AGERATUM** — Blue Perfection (A). One of the best border and bedding plants, 10 inches tall, quick growing and flowering freely from early summer to frost. Pkt., 10c;  $\frac{1}{4}$  oz., 55c.

**ALYSSUM** (A). One of the finest annuals we have for edging. Compact plants, six inches high, completely covered with bloom throughout the season.

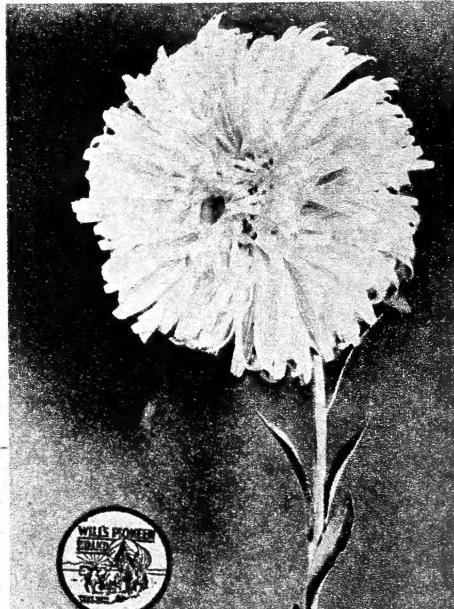
**LITTLE GEM.** Honey scented white blooms. Pkt., 10c;  $\frac{1}{4}$  oz., 30c; oz., 90c.

**VIOLET QUEEN.** Deep lavender lilac blossoms. Pkt., 10c;  $\frac{1}{4}$  oz., 35c.

## ANTIRRHINUM—SNAPDRAGON

**MAJOR MIXED.** (A\*). The best in Snapdragons — Rust resistant. Can be sown outdoors with good results, but for early blooming should be started inside. Splendid for cutting, our mixture is unequalled. Pkt., 15c;  $\frac{1}{8}$  oz., 40c.

**ASTERS.** The old favorite China Aster brought up to date. (A\*).



Improved Crego Aster

**IMPROVED CREGO—WILT RESISTANT.** A beautiful mid-season sort, growing 2 feet tall, with large blooms borne on long stems. CRIMSON, WHITE, AZURE BLUE and MIXED. Pkt., 10c;  $\frac{1}{4}$  oz., 50c. One packet each of the three straight colors, 25c.

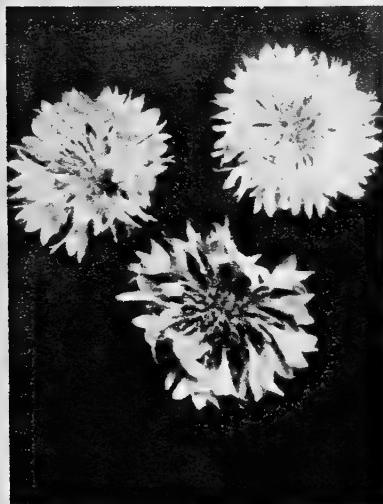
**IMBRICATED POMPON—FINEST MIXED.** Mid-August flowering, upright 12 to 14 inch plants, bearing small round cushioned flowers, excellent for cutting and popular with florists. Pkt., 20c;  $\frac{1}{4}$  oz., \$1.00.

For Aster Plants, see page 56.

Customers living in North Dakota must add two per cent for sales tax to their remittances for nursery stock, decorative greenhouse stock, insecticides, feeds, fertilizers, tools and supplies. This tax does not apply to seeds, onion plants or vegetable plants.

### KEY TO SYMBOLS

- (A) Annuals.
- (B) Biennials.
- (P) Perennials.
- (T) Tender.
- (C) Climbers.
- \* For cutting.



Bachelor's Button

**Bachelor's Button (A\*)**

**CORN FLOWER—CENTAUREA CYANUS.** Easy to grow and blooms continuously. One of the most attractive hardy annuals.

**DOUBLE BLUE, RED BOY and SNOW MAN.** Each, Pkt., 10c;  $\frac{1}{4}$  oz., 25c; oz., 60c. Three packets, one of each color, 25c.

**DOUBLE MIXED.** Pkt., 10c;  $\frac{1}{4}$  oz., 20c.



Double Camellia-Flowered Balsam



Calendula—Sunshine

**BALSAM. Double Camellia Flowered Mixed. (A).**

An old favorite, the bushy plants develop rapidly and the double flowers cluster showily along the main stalk. Pkt., 10c;  $\frac{1}{4}$  oz., 30c.

**Rose or Gardenia Flowered.** Also known as Bush Balsam. An attractive dwarf plant—fine in borders. The Roselike blooms cluster at the tops of the stems. Pkt., 10c;  $\frac{1}{4}$  oz., 35c.

**BEANS—SCARLET RUNNER. (A-C).** A rapid growing climber, reaching a height of 10 to 12 feet, and bearing sprays of brilliant scarlet pealike blossoms. Good for snap or green shell Beans and an ideal fence cover. Pkt., 10c;  $\frac{1}{4}$  lb., 16c;  $\frac{1}{2}$  lb., 28c; 1 lb., 50c.



Giant Flowering Candytuft

**CALLIOPSIS—MIXED. (A\*).** A graceful, showy, sunshine loving plant, blooming from June to frost. The colors range through yellow to rich brown. Pkt., 10c;  $\frac{1}{4}$  oz., 20c.

**CAMPANULA—CANTERBURY BELLS—Annual Finest Mixed. (A).** With this new annual type started indoors in early spring, we can enjoy the glory of these dainty bell like blooms the same summer. Pkt., 10c;  $\frac{1}{4}$  oz., 45c.

**CALENDULA**

**POT or SCOTCH MARIGOLD. (A\*).** Growing anywhere and blooming from early summer until frost, this is one of the most honest and satisfactory flowers we have.

**Orange King.** A deep orange and very double. Pkt., 10c;  $\frac{1}{4}$  oz., 20c.

**Sunshine or Chrysanthemum.** A newer type of Calendula, long stemmed Chrysanthemum shaped large buttercup yellow flowers. Pkt., 10c;  $\frac{1}{4}$  oz., 30c.



Carnation—Marguerite

**CANDYTUFT (A\*)**

Easily grown dwarf plants, blooming throughout the summer, fine for edging, beds and borders.

**GIANT WHITE HYACINTH FLOWERED.** Pkt., 10c;  $\frac{1}{4}$  oz., 30c.

**GIANT FLOWERING MIXED.** Pkt., 10c;  $\frac{1}{2}$  oz., 14c.

**CELOSIA—COCKSCOMB**

(A). A very showy and colorful group, easily grown and readily dried for winter bouquets.

**DWARF CRESTED MIXED (Cristata).** Plants 1 foot tall topped by large ruffled cockscombs. Color range from yellow through red. Pkt., 10c;  $\frac{1}{4}$  oz., 55c.

**OSTRICH PLUMED or FEATHERED MIXED (Plumosa).** 2 to 3 feet plants, with graceful stately plumes resembling ostrich feathers above the foliage. Pkt., 10c;  $\frac{1}{4}$  oz., 45c.

**CHINESE WOOLFLOWER MIXED (Childsii).** Plants grow from 2 to 3 feet high with flower heads resembling bright colored loose balls of wool. Pkt., 10c;  $\frac{1}{4}$  oz., 45c.

**CENTUREA IMPERIALIS. GIANT SWEET**

**SULTAN (A\*).** The large, sweet scented, thistle-like blooms are borne on long, strong stems. Our well balanced mixture is fine for cutting. Pkt., 10c;  $\frac{1}{4}$  oz., 25c.

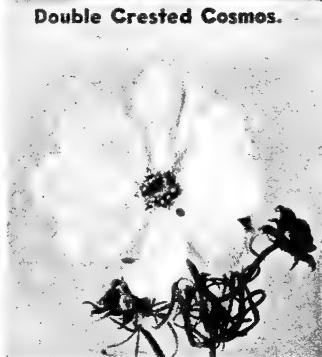
**CHRYSANTHEMUM — ANNUAL (A\*).** The large, double flowers bloom in late summer. Pkt., 10c.



Dianthus—Chinese Pink.



Double Crested Cosmos.



Sensation Cosmos.

**WILD CUCUMBER**

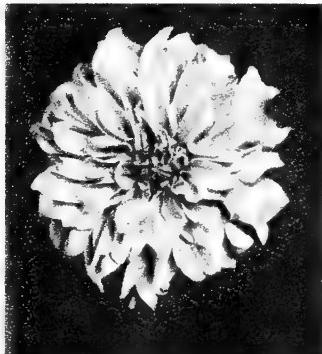
(A-C). The quickest growing climber we have. Fragrant white flowers are followed by ornamental prickly seed pods. Pkt., 10c; oz., 45c;  $\frac{1}{4}$  lb., \$1.50.

**CYPRESS VINE** (A-C). An attractive climber with dark green feathery foliage and star shaped flowers. Pkt., 10c;  $\frac{1}{2}$  oz., 25c.

**DAHLIA**

UNWIN'S DWARF HYBRIDS (TP\*). Blooms in 60 days from seed. Plants are 2 feet tall with semi-double flowers, 3 inches across. Tubers are produced which may be saved. Pkt., 15c;  $\frac{1}{4}$  oz., 85c.

**DIGITALIS—FOXGLOVE** (P). Easily grown semi-hardy, stately perennial reaching height of from 2 to 4 feet and producing long spikes of beautiful tubular flowers. Pkt., 10c;  $\frac{1}{4}$  oz., 60c.



Unwin's Dahlia.

**DIANTHUS**

An abundant and brilliant bloomer, averaging 1 foot high, adapted to borders, beds, and rock gardens.

**CHINESE PINK MIXTURE** (A\*). Our double mixture covers the complete color range and includes not only the old standard sorts, but all the newest spotted, striped and fringed varieties. Pkt., 10c;  $\frac{1}{4}$  oz., 25c.

**GRASS or CLOVE PINK MIXTURE** (P\*). Hardy, with grassy foliage and thin wiry stems, our Plumarius mixture includes both single and double blooms of this spicy fragrant and deeply fringed flower favorite. Pkt., 10c;  $\frac{1}{4}$  oz., 45c.

**CLARKIA—DOUBLE MIXED** (A\*). Graceful plants with richly colored double rosette-like flowers almost covering the upright branches. Blooms from July to frost and does well everywhere. Pkt., 10c;  $\frac{1}{4}$  oz., 60c.

**COLUMBINE — AQUILEGIA — LONG SPURRED MIXTURE** (P). A hardy, graceful, June blooming perennial. 2 feet high. The dainty, long spurred flowers of our mixture range in color from purple through yellows to white. Pkt., 15c;  $\frac{1}{8}$  oz., 70c.

For Columbine Roots, See Page 69.

**COREOPSIS—DOUBLE FLOWERING** (P\*). Vigorous and free blooming with large orange yellow flowers on long graceful stems. Pkt., 10c.

**COSMOS**

(A\*). Growing 4 to 5 feet tall, branching freely with feathery foliage and blooming abundantly from late July until frost, Cosmos is especially effective in screens and borders.

**SENSATION MIXED.** Extra Early Giant Flowering with blooms 4 to 5 inches in diameter. Pkt., 10c;  $\frac{1}{4}$  oz., 30c.

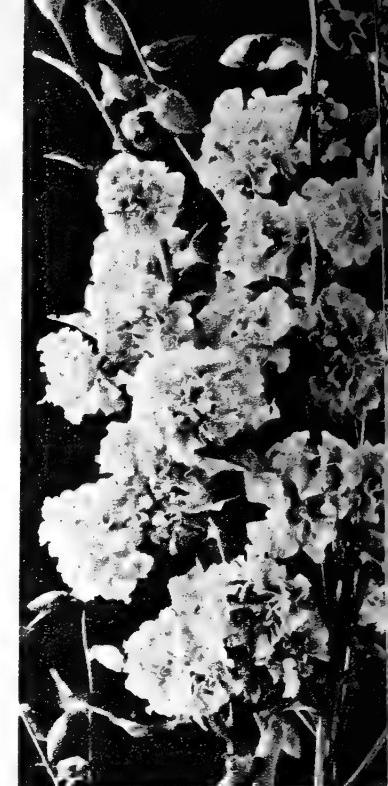
**PURITY.** Pure white. Pkt., 10c;  $\frac{1}{4}$  oz., 40c.

**ORANGE FLARE.** Brilliant orange flowers—free blooming. Pkt., 10c;  $\frac{1}{4}$  oz., 30c.

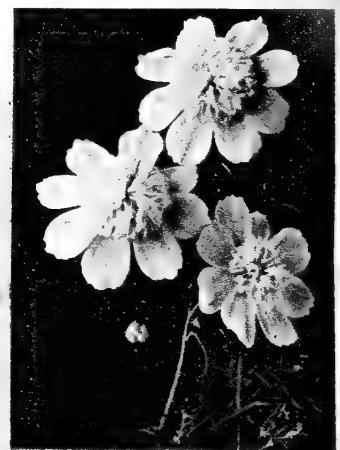
**EARLY MAMMOTH FLOWERING**

**SINGLE MIXED.** Blooming early enough to satisfy the wants of flower lovers in this section. Tall plants with huge blooms. Pkt., 10c;  $\frac{1}{4}$  oz., 20c; oz., 55c.

**EARLY FLOWERING DOUBLE CRESTED MIXED.** Sometimes called Anemone flowered, this is one of the finest Cosmos for cutting. About 65% of the blooms are double. Pkt., 15c;  $\frac{1}{4}$  oz., 85c.



Clarkia—Double Mixed.



Single Early Cosmos.

**DAISIES**

**SHASTA DAISY—Alaska** (P\*). Can be grown out of doors anywhere with light winter protection. The flowers are large with glistening white petals and small golden centers. Pkt., 10c;  $\frac{1}{4}$  oz., 45c.

**ANNUAL PAINTED DAISY—Tricolor Finest Mixed** (A). Easily grown with wide range of colors and zoning, outstanding as a cut flower. Pkt., 10c;  $\frac{1}{4}$  oz., 25c.

For Shasta and Perennial Painted Daisy Roots, See Page 69.

**AFRICAN DAISY — Dimorphotheca Aurantiaca Hybrids** (A\*). An easily grown, beautiful and extremely showy annual from South Africa. Plants grow 1 foot high and enjoy a sunny location. This is one of the loveliest of flowers. Pkt., 10c;  $\frac{1}{4}$  oz., 50c.



African Daisy.

## FOUR O'CLOCK



Four O'clock

**MARVEL OF PERU (A).** An old fashioned, bushy, thrifty plant with bright blooms opening in afternoon and on cloudy days. Freely flowering from midsummer to frost. A fine annual hedge. Pkt., 10c; oz., 35c.

**GAILLARDIA—BLANKET FLOWER (P\*).** This hardy perennial blooms from July until frost. Thriving anywhere, this gives you combinations of yellow and red. Pkt., 10c;  $\frac{1}{4}$  oz., 30c.

**GERANIUM (TP).** Sown early in the spring, indoors, these are easily raised from seed and frequently reward the cultivator with charming new colorings. Our mixture is of the largest and finest strains. Pkt., 20c.

**FORGET-ME-NOT (P).** Best treated as an annual in this section, although it often winters with some protection. The dainty, clear blue flowers flourish in partial shade. Pkt., 15c.



Pioneer  
Double  
Hollyhock

(AC). A valuable class of annual climbers. If allowed to ripen on the vines, the gourds can be kept for months as unique ornaments. Directions for keeping Gourds on request.

### GOURLDS

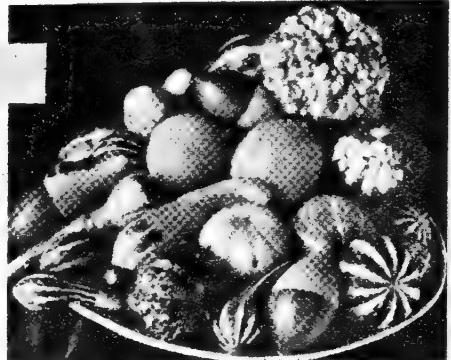
**SMALL FRUITED MIXED.** All shapes, colors and markings. Pkt., 10c; oz., 25c.

**LARGE FRUITED MIXED.** Pkt., 10c; oz., 25c.

**GYPSOPHILA** Thrive almost anywhere and give a charming misty effect in bouquet or border with their many tiny blossoms.

**ELEGANS GRANDIFLORA ALBA—ANGEL'S BREATH (A\*).** Pure white, large flowered. Pkt., 10c;  $\frac{1}{2}$  oz., 25c.

**PANICULATA—BABY'S BREATH (P\*).** Fine white flowers in June and July. May be dried for winter bouquets. Pkt., 10c;  $\frac{1}{4}$  oz., 25c.



Small Fruited Gourds

**HELICHRYSUM—DOUBLE STRAWFLOWER or EVERLASTING (A\*).** The finest and most widely grown of all Everlastings. Ornamental when growing with its wide range of color and much prized for winter bouquets. Pkt., 10c;  $\frac{1}{4}$  oz., 55c.

**HELIOTROPE—MIXED (TA).** Fragrant, beautiful and long blooming it is easily grown and fine for either bedding or pot plant. Pkt., 15c;  $\frac{1}{8}$  oz., 65c.



Helichrysum

## HOLLYHOCK

Among shrubs, as screen or background, the tall and stately Hollyhock has its place in every garden.

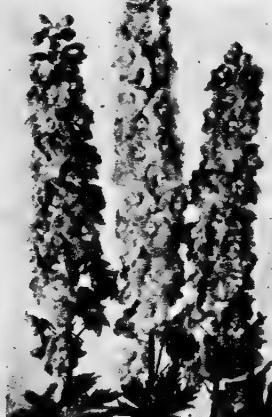
**PIONEER—DOUBLE MIXED (P).** This will not bloom the first year unless planted indoors by March. Our mixture comprises all shades. Pkt., 10c;  $\frac{1}{4}$  oz., 70c.

**BISMARCK—SINGLE MIXTURE (P).** The single sorts are slightly harder and more vigorous than the doubles. Our mixture is equal to any. Pkt., 10c;  $\frac{1}{4}$  oz., 25c.

**ANNUAL—INDIAN SPRING.** (1939 All American Silver Medal Winner.) If planted early in spring will bloom the same year. The blooms are large, fringed and semi-double, in pink and rose shades. Pkt. 10c;  $\frac{1}{4}$  oz., 45c.

For Hollyhock Roots See Page 69.

**ICE PLANT—Mesembryanthemum Crystallinum (A).** A trailing plant with singular icy foliage. Especially useful in rock garden. Pkt., 15c.



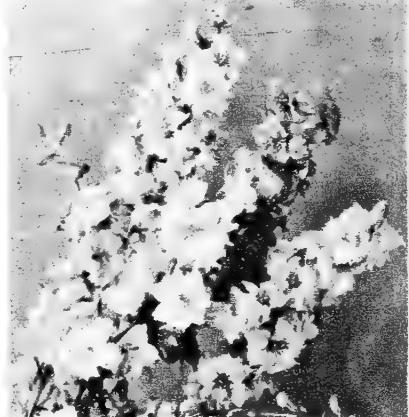
Delphinium  
Gold Medal Mixture

## ANNUAL LARKSPUR

The long spikes of gay double blooms and finely cut featherly foliage make Larkspur one of our most valuable garden flowers.

**GIANT IMPERIAL MIXED.** Pkt., 10c;  $\frac{1}{4}$  oz., 30c.

**ROSE KING.** Pkt., 10c;  $\frac{1}{4}$  oz., 40c.



Annual Larkspur

## DELPHINIUM-PERENNIAL LARKSPUR

**PACIFIC GIANTS.** A remarkable strain with immense spikes and extremely large and well formed flowers, mostly double. Pkt., 30c; 2 pks., 55c.

**GOLD MEDAL MIXTURE.** A fine mixture running in color from the lightest shade of lavender to indigo blue. Pkt., 10c;  $\frac{1}{4}$  oz., 70c.

**NEW ZEALAND DWARF.** A profuse bloomer, growing 18 inches high. The flowers are dark blue. Pkt., 15c.

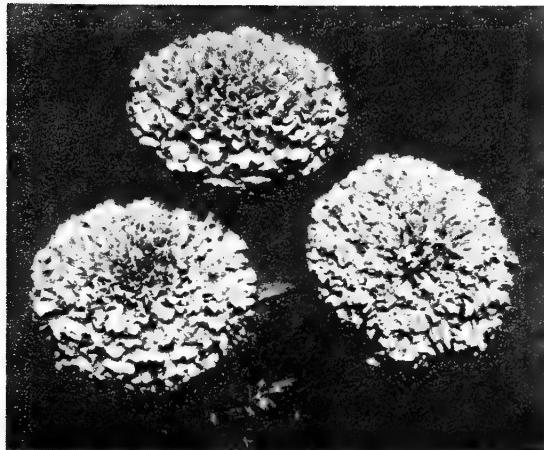
For Perennial Larkspur Roots, See Page 67.

## LAVATERA

**ROSEA SPLENDENS—SWISS ROSE—LOVELINESS (A\*).** An annual Mallow with very large, bright, rose flowers, showy and effective for border and cutting. Pkt., 10c;  $\frac{1}{4}$  oz., 30c.

## LINUM-FLAX

**SCARLET FLAX—GRANDIFLORUM RUBRUM (A).** Brilliant crimson flowers. For continuous bloom make successive plantings. Pkt., 10c;  $\frac{1}{4}$  oz., 20c.



Gigantea Sunset Hybrids

**LOBELIA—CRYSTAL PALACE COMPACTA (A)** The 6 inch plants are fairly covered with dainty deep blue flowers. Fine for edgings, beddings and pot culture. Pkt., 15c;  $\frac{1}{8}$  oz., 60c.

### MARIGOLD (A\*)

A wealth of colorful decorative blossoms from midsummer to frost. Lovely for cutting.

**GIGANTEA SUNSET HYBRIDS.** The largest Marigold yet developed, its delicately sweet scented flowers average 5 inches in diameter. The plants are from 3  $\frac{1}{2}$  to 4 feet tall. Though a small percentage of

single flowers may be expected, the size and beauty of the blooms will repay the planter. Pkt., 10c;  $\frac{1}{4}$  oz., 50c.

**GUINEA GOLD.** The large, double carnation like blooms are a brilliant golden orange. This is deservedly one of the most popular Marigolds. Pkt., 10c;  $\frac{1}{4}$  oz., 30c.

**TALL AFRICAN DOUBLE MIXED.** The plants are 2  $\frac{1}{2}$  feet high and the very large globular flowers have tubular or quilled petals. Our mixture ranges in color from light lemon to deep orange. Pkt., 10c;  $\frac{1}{4}$  oz., 55c.

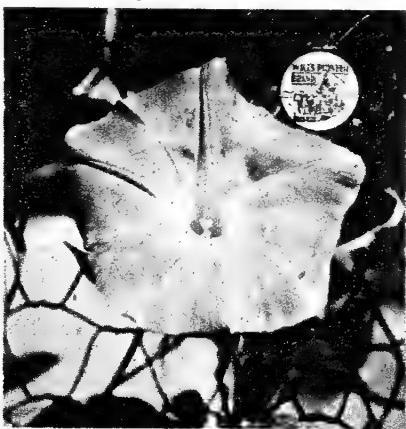
**DOUBLE DWARF FRENCH.** 1 foot tall.

**MONARCH MIXED.** Plants of compact habits with large flowers in fascinating shades. Pkt., 10c;  $\frac{1}{4}$  oz., 35c.

**HARMONY MIXED.** Blooms with high crested centers run the range in two tone combinations from lemon yellow to dark red. Pkt., 10c;  $\frac{1}{4}$  oz., 25c.



Guinea Gold



Heavenly Blue Morning Glory

### MORNING GLORY (A-C)

Quick growing, free flowering climbers.

#### HEAVENLY BLUE — Clark's Early Strain.

The finest of all morning glories, the blooms are true blue with white throats and from 3 to 4 inches across. Pkt., 10c;  $\frac{1}{4}$  oz., 30c; oz., 80c.

**ALLEN'S EARLY.** Starts to bloom almost as soon as it comes up. A variety of handsome colors. Flowers small but very lovely. Pkt., 15c.

**CRIMSON RAMBLER.** The bright ruby red flowers are slightly smaller than those of the Heavenly Blue, but this is a very vigorous bloomer and rapid climber. Pkt., 10c;  $\frac{1}{4}$  oz., 20c; oz., 65c.



Crimson Rambler Morning Glory

**PEARLY GATES.** (All American Silver Medal 1941.) Large flowered, free blooming, pure white. Plant this with Crimson Rambler and Heavenly Blue for Red, White and Blue effect. Pkt., 15c;  $\frac{1}{4}$  oz., 45c; oz., \$1.20.

**IMPERIAL MIXED—Ipomea Imperialis.** The large flowers range from white to dark purple in unusual colors. The foliage is very attractive in its variations. Pkt., 10c; oz., 25c;  $\frac{1}{4}$  lb., 70c.

**FINEST MIXED—Convolvulus Major.** A good mixture of the old fashioned yet ever popular climber. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 75c.

### NASTURTIUMS (A\*)

For border, bed, window box and bouquet. One of our most easily grown and popular flowering plants. Blooms early and throughout a long season in wide color range.

**GOLDEN GLEAM—DOUBLE SWEET SCENTED.** This most satisfactory double Nasturtium continues to gain in popularity. The fragrant golden yellow blooms are borne well above the foliage on strong bushy plants. Pkt., 10c; oz., 25c;  $\frac{1}{4}$  lb., 75c.

**DWARF DOUBLE GEM MIXED.**

The plants are dwarf and compact. While some single blooms may be expected, the great majority will be large, double or semi-double, sweet scented, in well balanced color mixture. Pkt., 10c; oz., 30c;  $\frac{1}{4}$  lb., 90c.

**WILL'S PIONEER BRAND DWARF SINGLE MIXED.** The best obtainable mixture of desirable colors. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 60c.

**WILL'S SUPERB TALL SINGLE MIXED.** Plants from our mixture will grow 5 to 6 feet high with showy blooms of the most brilliant shades. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 60c.



Double Golden Gleam Nasturtiums



Pioneer Dwarf Single Mixed



Mignonette Machet

**MIGNONETTE MACHET (A\*)**. A modest, fragrant plant, growing 1 foot high, with compact spikes of bloom. Pkt., 10c;  $\frac{1}{4}$  oz., 25c.  
**NICOTIANA—AFFINIS HYBRIDS (A)** Plants 2 to 3 feet high bear star-shaped blossoms which are delightfully fragrant, especially at evening. Pkt., 10c;  $\frac{1}{4}$  oz., 35c.  
**NIGELLA—LOVE-IN-A-MIST-MISS JEKYLL (A\*)**. A favorite, compact growing plant in whose fine feathery foliage nestle lovely double cornflower-blue blooms. Pkt., 10c;  $\frac{1}{4}$  oz., 35c.

## WILL'S PANSIES

### WILL'S ROYAL SHOW

(P\*). The best mixture we can supply. The blooms are all that can be desired in color, size and form. Pkt., 30c; 2 pkts., 50c;  $\frac{1}{4}$  oz., \$2.00.

**WILL'S PREMIUM MIXTURE.** While not to be compared with the Royal Show, this mixture has large blooms in complete color range and will please everyone who enjoys Pansies. Pkt., 15c;  $\frac{1}{4}$  oz., \$1.25.

For Pansy Plants, See Page 55

**PRIMROSE or PRIMROSE MALACOIDES (TA).** Sown in April will make plants for fall and winter blooming indoors. Pkt., 25c.

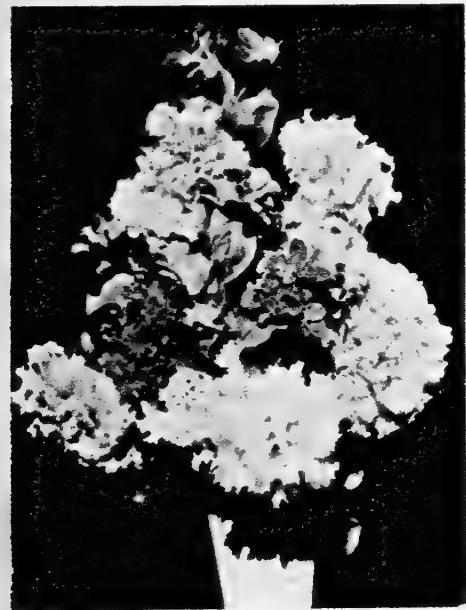
**RICINUS—CASTOR BEAN (TA).** Tall stately plant with ornamental foliage and brilliant colored fruit. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 60c.



Will's Royal Show Pansies

Enjoy sunshine, bloom profusely within 2 months from seed and are fine for bedding, porch or window box, border and pot.

**SPECIAL SINGLE MIXTURE.** HYBRIDA GRANDIFLORA. Plants grow 2 feet tall. Flowers are not overly large, but are borne profusely and their wonderful colorings and markings make a brilliant show in bed or border. Pkt., 10c;  $\frac{1}{4}$  oz., 35c;  $\frac{1}{4}$  oz., 65c.  
**RUFFLED MONSTER MIXTURE.** Very large, single, ruffled flowers, richly marked and veined. About 300 seeds to the packet. Pkt., 25c.  
**BALCONY TYPE MIXED.** Single, large flowering and free blooming, trailing in habit and especially suited to bed and window boxes. Pkt., 20c.



All Double American

### PETUNIAS (A\*)

Petunias are easy to grow and are willing bloomers. Try our seeds which are among the best for northern cultivation.

**ALL DOUBLE AMERICAN MIXED.** An All American Silver Medal winner. These blooms are not as large as those we had before the war, but are the best available all double, fringed and plain edged, and very satisfactory. Pkt., 100 seeds, 40c.

**ROSY MORN.** A dwarf Petunia, dainty and effective for borders and window boxes. In color a soft carmine pink with white throat. Pkt., 15c;  $\frac{1}{4}$  oz., 50c.

For Petunia Plants See Page 55.



Special Single Petunia



Phlox Drummondii

**PHLOX. DRUMMONDI GRANDIFLORA MIXED (A\*)**. Easily grown, brilliant and fresh in color, Phlox is one of the most satisfactory annuals. Flowers from our mixture are distinct and vivid in splendid variety of tone. Pkt., 20c;  $\frac{1}{4}$  oz., \$1.10;  $\frac{1}{4}$  oz., \$2.00.

**PHLOX. GIANT FLOW-ERED-GIGANTEA ART SHADES (A\*)**. The individual flowers are from  $1\frac{1}{4}$  to  $1\frac{1}{2}$  inches in diameter in lovely, soft, pastel shades. Pkt., 15c;  $\frac{1}{4}$  oz., 55c;  $\frac{1}{4}$  oz., \$1.00.



## POPPIES (A)

Brilliant flowers produced freely in a riot of color.

**MIXED.** These brilliant flowers are produced on low spreading plants with silvery cut foliage. For bouquets, cut when buds first show color. Pkt., 10c;  $\frac{1}{4}$  oz., 15c.

**AMERICAN LEGION.** An improved Flanders Poppy, its color is a dazzling scarlet. Pkt., 10c;  $\frac{1}{4}$  oz., 20c.

**DOUBLE SHIRLEY MIXED.** Large, graceful silky flowers. Pkt., 10c;  $\frac{1}{4}$  oz., 20c.

**TULIP POPPY-BUSH ESCHOLTZIA-HUNNEMANNIA—Sunlite.** (A\*) Gorgeous, semi-double, canary yellow blooms. The foliage is light gray green. Pkt., 10c;  $\frac{1}{4}$  oz., 25c.

**CUT FLOWER MIXTURE.**  
Well balanced mixture of hardy annuals. Pkt. 10c;  
 $\frac{1}{4}$  oz., 25c.

**BLUE MAW.** This seed is used for cooking only and has been so treated that it will not germinate.  $\frac{1}{4}$  lb., 20c; 1 lb., 55c, postpaid.

**ORIENTAL MIXED (P).** Unrivalled for gorgeous effectiveness in perennial borders, the flowers are immense, frequently six inches across. Pkt., 15c;  $\frac{1}{8}$  oz., 70c.

**ICELAND MIXED (P\*).** The large, gaily colored, cup-shaped flowers bloom on graceful, wiry stems. If sown early, will bloom first year from seed. Pkt., 10c;  $\frac{1}{8}$  oz., 65c.



California Poppy—Escholtzia

Double Shirley Poppy

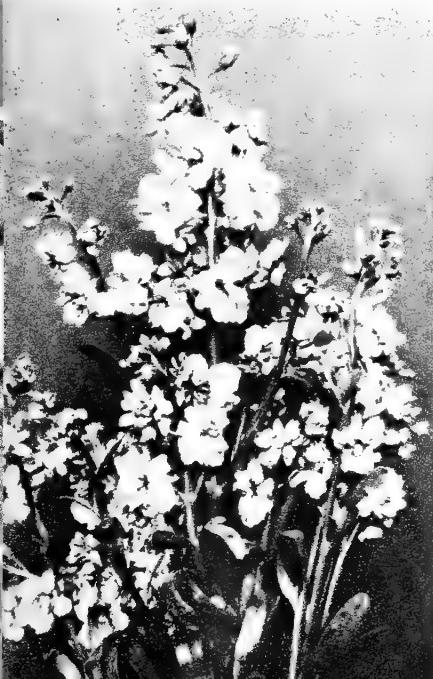


Double Portulaca



Single Portulaca

Dwarf Ten Weeks Stocks



## PORTULACA—Rose Moss (A)

Hardy, Sun Loving, Profuse Bloomer. Blooms early and until frost, thriving and producing a brilliant display where almost any other plant would die. Fine for beds, borders and ground cover. We recommend it for cemetery planting.

**DOUBLE MIXED.** A small percentage of singles is to be expected. Pkt., 15c;  $\frac{1}{8}$  oz., 75c;  $\frac{1}{4}$  oz., \$1.25; oz., \$4.00.

**SINGLE MIXED.** Pkt., 10c;  $\frac{1}{8}$  oz., 45c;  $\frac{1}{4}$  oz., 75c; oz., \$2.00.

## SALPIGLOSSIS

**VELVET FLOWER or PAINTED TONGUE—Large Flowering Mixed (A\*).** Easily grown annual, 2 to  $2\frac{1}{2}$  feet tall, and one of our favorite flowers. The velvety blooms are large, trumpet shaped, and of richest colors, from creamy white to deep purple, all veined with gold. Pkt., 10c;  $\frac{1}{4}$  oz., 40c.

**SALVIA—CLARA BEDMAN or EARLY BONFIRE (TA\*).** Its erect spikes of brilliant scarlet flowers make this one of the handsomest of Salvias. Pkt., 20c;  $\frac{1}{8}$  oz., 90c.

**SCABIOSA—Tall, Large Flowered Double Mixed (A\*).** Also known as Mourning Bride or Pin Cushion Plant. The showy, double blooms are borne on long strong stems and soft colors predominate. Pkt., 10c;  $\frac{1}{4}$  oz., 35c.

**SNOW-ON-THE-MOUNTAIN—Euphorbia Variegata (A).** A bushy plant of colorful foliage, much used in borders and backgrounds. The broad green leaves are heavily margined with silvery white. Pkt. 10c;  $\frac{1}{4}$  oz., 20c.

**STOCK—GILIFLOWER—Double Dwarf, Ten Weeks (A\*).** The large, profuse spikes of rosette like blooms are of beautiful coloring and rich fragrance. A small percentage of singles may be expected, but our early mixture is true to type as obtainable. Pkt. 10c;  $\frac{1}{4}$  oz., 55c.

**STOCK EVENING SCENTED—Matthiola Bicornis.** Small purplish flowers giving off delightful perfume morning and evening. Pkt., 10c;  $\frac{1}{4}$  oz., 20c.

**SUNFLOWER—Helianthus Cucumerifolius—Excelsior Hybrids (A).** The plants are 5 feet tall. The small double flowers are in shades of bronze, brown and red. Pkt., 10c;  $\frac{1}{2}$  oz., 30c; oz., 50c.



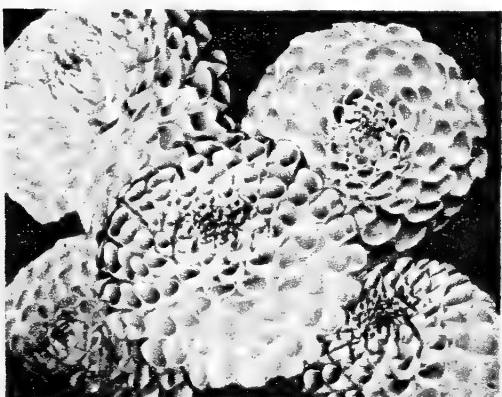
Salpiglossis or Velvet Flower



Verbena

### VERBENA

**Hybrida—Mammoth Choice Mixed (A\*)**—A very popular dwarf plant of many uses, bearing clusters of brilliant star shaped flowers through a long season. Pkt., 10c;  $\frac{1}{4}$  oz., 75c.



Double Lilliput Zinnia

**SCABIOUS FLOWERED MIXTURE.** An oddly attractive bloom resembling the annual Scabiosa. The plants are 2 to 2½ feet high and the flowers are medium sized with rich color range. Pkt., 15c;  $\frac{1}{4}$  oz., 45c; oz., \$1.50.



California Giants Zinnia



Sweet William

**SWEET WILLIAM. Dianthus Barbatus—Double and Single Mixed (P\*).** An old garden favorite, 1½ to 2 feet high, blooming early with handsome broad clusters of little pinks. With some care plants will last many years, although they may be easily raised from seed each season. Pkt., 10c;  $\frac{1}{4}$  oz., 60c.

# ZINNIAS

**THE FLOWER FOR GREAT PLAINS GARDENS. FLOURISHES IN HEAT AND WITH LITTLE CARE—PRACTICALLY FREE FROM PLANT DISEASES—WITH LONG SEASON OF BLOOM. SHOWY, BRIGHT AND FREE FLOWERING—FINE FOR CUTTING AND EVERY GARDEN USE.**

**DOUBLE LILLIPUT or POMPON—Mixed.** The plants are from 12 to 18 inches high, blooming profusely in 45 days from seed. The flowers are very double, 1 to 1½ inches in diameter, and the colors bright and well varied. Pkt., 10c;  $\frac{1}{4}$  oz., 35c; 1 oz., \$1.00.

**Crimson Gem. Pkt. 10c;  $\frac{1}{4}$  oz., 35c; 1 oz., \$1.25.**



Dahlia Flowered Zinnia,  
Gold Medal Mixture

### DAHLIA FLOWERED

Best for general garden use, 2½ to 3 feet tall. The blooms average 4½ to 5 inches across.

### GOLD MEDAL MIXTURE

Grown in separate colors and then mixed, this is vastly superior to much that is offered. Pkt., 10c;  $\frac{1}{4}$  oz., 40c; oz., \$1.30.

**THE FOLLOWING DAHLIA FLOWERED ZINNIAS IN SEPARATE COLORS. Pkt., 10c;  $\frac{1}{4}$  oz., 45c; oz., \$1.40.**  
**CRIMSON MONARCH—Deep Crimson. GOLDEN DAWN—Rich Golden Yellow. LUMINOSA—Deep Pink.**

**INDIAN SUMMER MIXTURE.** A highly satisfactory blend of the Largest Flowering types in bright warm colors, without a trace of harshness. Pkt., 10c;  $\frac{1}{4}$  oz., 40c; oz., \$1.30.

**CALIFORNIA GIANTS—Mixed.** The blooms are not as deep as those of the Dahlia flowered type, but fully as large, and the longer stems make this sort more desirable for cutting. Pkt., 10c;  $\frac{1}{4}$  oz., 40c; oz., \$1.30.

**FANTASY—Mixed.** A medium sized Zinnia with shaggy petals, curved and quilled, graceful and delicate. The color mixture is complete. Pkt., 10c;  $\frac{1}{4}$  oz., 40c; oz., \$1.30.



Zinnia-Fantasy

# Will's Sweet Peas



Early Flowering Spencer Sweet Peas

## SWEET PEA COLLECTION

One regular packet of each of the fifteen best varieties listed below (will sow 90 feet of row) together with a GARDEN SIZE PACKAGE OF NITRAGIN to treat the seed for best results,

**\$1.15**

## SUMMER FLOWERING SPENCERS

The following 12 varieties of Summer Flowering Spencer Sweet Peas are priced at: Pkt., 10c; oz., 35c;  $\frac{1}{4}$  lb., \$1.20. Any three packets, 25c.

AMETHYST.	Clear Medium Blue.	HIGHLANDER.	Lavender.
BRIDAL VEIL.	White.	MASTER CREAM.	Deep Cream.
FLUFFY RUFFLES.	Cream.	OLYMPIA.	Purple.
ECSTASY.	Light Pink.	PEER.	Orange Pink.
FLAGSHIP.	Navy Blue.	STYLIST.	Clear Rose Pink.
FLORADEALE.	Salmon Pink on Cream.	WELCOME.	Brilliant Scarlet.

## EARLY FLOWERING SPENCERS

The three following varieties of Early Flowering Spencer Sweet Peas are Priced at: Pkt., 15c; oz., 50c.

AMERICAN BEAUTY.	Deep Crimson.
DAPHNE.	Soft Salmon Pink on Cream.
LADDIE IMPROVED.	Light Rose Pink.

## A Few Suggestions

The Sweet Pea plant or vine succeeds best in cool, moist, yet well drained soil. To secure the longest possible season of bloom the seed must be planted early. The best mode of planting is the trench method. The trench is dug two feet deep and two feet wide, and filled nearly to the surface of the ground with a mixture of well rotted manure and rich soil, with a six-inch layer of soil at the top. Soaking seed in water over night before planting will hasten germination. The seed should be sown, two inches deep, at the rate of one ounce to twenty feet. During dry weather the ground should be thoroughly soaked once or twice each week. A light spraying of the vines in the evening during hot weather will be found beneficial, and the earth should at all times be kept loose about the plants to a depth of two inches. Sweet Peas should be cut early in the morning and the more closely the flowers are kept cut off the longer will be the period of bloom. Remember, the vines quickly wither, if allowed to produce any great amount of seed. Spray thoroughly and often to prevent infection by aphids.

## Choice Mixed Sweet Peas

### EARLY FLOWERING SPENCER MIXTURE.

Also known as Winter Flowering. These come into bloom three weeks before the standard Spencer varieties, but with the same long stems and large, waved flowers. They have replaced the standard Spencers in greenhouse planting, and, though they do not grow quite as tall nor branch as much, their earliness and long season of bloom make them invaluable for outdoor planting, particularly in the short season north. Pkt., 10c; oz., 25c;  $\frac{1}{4}$  lb., 80c;  $\frac{1}{2}$  lb., \$1.45; 1 lb., \$2.75.

### GIANT RUFFLED SPENCER MIXTURE.

Sweet Peas with gigantic blooms so ruffled and frilled that they appear almost double. Pkt., 10c; oz., 25c;  $\frac{1}{4}$  lb., 80c;  $\frac{1}{2}$  lb., \$1.45; 1 lb., \$2.75, postpaid.

### WILL'S IMPERIAL MIXED SWEET PEAS.

A mixture in proper proportions of the large waved standard Spencer sorts with every Sweet Pea color represented in every possible combination. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 70c;  $\frac{1}{2}$  lb., \$1.20; 1 lb., \$2.25.

### HEAT RESISTANT MIXTURE.

A new and very vigorous, free flowering blend particularly adapted to our conditions; also known as Spring Flowering. You will find this mixture satisfactory in every way. Pkt., 10c; oz., 30c;  $\frac{1}{4}$  lb., 85c;  $\frac{1}{2}$  lb., \$1.55; 1 lb., \$3.00.

**SIBERIAN PERENNIAL SWEET PEAS (P).** The vines are about 5 feet high, absolutely hardy and bloom all summer if blossoms are kept picked. Pkt., 15c.

## FLORALIFE

DOUBLES LIFE OF CUT FLOWERS. MAINTAINS COLOR AND FRAGRANCE. KEEPS WATER SWEET AND FRESH. NO NEED TO CHANGE WATER. One teaspoon to quart of water. Enough powder to make 5 quarts, 25c; 30 quart size, \$1.00, postpaid.



## TREAT SWEET PEAS with NITRAGIN.

Garden Size, 10c, Postpaid. Will Treat Up to 6 Pounds of Peas, Beans and Sweet Peas.



Will's Imperial Mixed Sweet Peas

# Will's Pioneer Brand Vegetable Seeds

## GARDEN FOR HEALTH AND SECURITY WITH WILL'S SEEDS



### WILL'S PIONEER INDIAN COLLECTION

5 Packets for 20c

Five packets of the same vegetable varieties that were grown by the Indians long before they ever saw or heard of a white man. One packet each of:

Hidatsa Beans  
Arikara Squash  
Mandan Squash  
Omaha Pumpkin  
Nuetta Sweet Corn

FIVE PACKETS FOR 20 CENTS.



THIS IS ↓  
Will's Pioneer Brand. It stands for earliness and hardiness. Behind it are sixty-five years of experience.

Will's Hardy Garden Seeds—Selected for the Northwest—do well everywhere.

### SEE WILL'S HOME GARDEN COLLECTION ON BACK COVER

\$1.65  
Postpaid

### WILL'S LEADER COLLECTION 15 PACKETS

One Each of Our 15 Most Popular Varieties

Detroit Dark Red	Early Yellow Globe
Copenhagen Market	Onion
Cabbage	Guernsey Parsnip
Coreless Carrot	Harris Early Giant Pepper
Snowball Cauliflower	Saxa Radish
Straight Eight Cucumber	Will's Improved Purple
Early Curled Simpson	Top Yellow Rutabaga
Lettuce	Buttercup Squash
Extra Early Osage	Victor Tomato
Muskmelon	Dakota Sweet Watermelon

15 PACKETS for 85c  
\$1.33 Value

Garden Seed Prices are postpaid to any address in the United States unless otherwise stated. Prices are subject to change without notice. Any Sales Tax is to be paid by the Customer. We cannot absorb it.

A Good Garden Is the Most Profitable Piece of Ground on a Farm

## ORDER EARLY

### PLANTING TABLE FOR VEGETABLES

For the Farm Garden we recommend that all rows be equal distances apart and that that distance be the same as that of the cultivated field crops of the farm.

Ft. of Row for Five Persons	Kind of Vegetable	Dist. Apart of Plants in Rows (Inches)	Least Dist. Between Rows (Inches)	Seed for 100 Feet of Row	Ft. of Row for Five Persons	Kind of Vegetable	Dist. Apart of Plants in Rows (Inches)	Least Dist. Between Rows (Inches)	Seed for 100 Feet of Row
200	*Beans—Dwarf, Snap	2-5....	20.....	¾ lb.	300	Onions.....	4-6....	14.....	½ oz.
100	Beans—Dwarf, Lima	6.....	20.....	1 lb.	200	Onions, from sets.....	2-3....	16.....	3 pts. sets.
150	*Beets.....	2-4....	18.....	1½ oz.	50	Parsnip.....	3-5....	18.....	½ oz.
200	Cabbage.....	16-24....	24.....	50-75 plants.	300	*Peas.....	¾-1½....	30.....	1 lb.
50	Cauliflower.....	16-24....	24.....	50-75 plants.	25	Peppers.....	16.....	24.....	60 plants.
100	*Carrot.....	2.....	18.....	½ oz.	800	Potatoes, Early.....	14-18....	30.....	½ peck.
50	Celery.....	4-8....	18.....	200 plants.	150	*Radish.....	1-2....	16.....	1 oz.
500	*Corn, Sweet	16-36....	30.....	2 oz.	200	*Spinach.....	1-3....	18.....	1 oz.
100	Cucumber.....	48.....	Hills 48.....	½ oz.	25	Squash, Hills 42.....	42.....	½ oz.	
25	Eggplant.....	20-30....	24.....	50 plants.	100	Tomato.....	30.....	36.....	40 plants.
50	*Lettuce.....	4-8....	Beds 6.....	½ oz.	100	*Turnip.....	2-4....	18.....	½ oz.
150	Muskmelon.....	Hills 72.....	72.....	½ oz.					

These vegetables marked \* should not all be planted at one time, but apart at intervals of 2 or 3 weeks to secure a continuous supply.

# WILL'S BEANS

*Belong in Every Garden*



Green Pod Stringless

**CULTURE:** Beans should not be planted until the ground is warm, as cold and wet weather will cause the seed to rot. For garden culture plant four or five seeds in hills one foot apart, and the rows 18 inches apart. For field culture make the rows three or three and one-half feet apart, and cover with two inches mellow soil. Do not hoe or cultivate while the plants are wet with dew or rain, as getting the leaves bespattered with earth causes rust, which injures the crop. One pound of beans is a little more than one pint.

## DWARF GREEN PODDED BEANS



Bountiful

**TENDERGREEN.** The dark green pods are fine textured, fleshy, brittle, tender and stringless. The compact vines are vigorous and heavily productive. • The best round podded dwarf green Bean. Pkt., 5c;  $\frac{1}{4}$  lb., 15c;  $\frac{1}{2}$  lb., 27c; 1 lb., 46c, postpaid. Not prepaid, 5 lbs., \$1.65; 10 lbs., \$3.10.

**GREEN POD STRINGLESS.** This very widely grown green podded sort is very early and of best quality. The dark green pods are round, straight, thick, meaty, strictly stringless and brittle. Pkt., 5c;  $\frac{1}{4}$  lb., 15c;  $\frac{1}{2}$  lb., 25c; 1 lb., 44c, postpaid. Not prepaid, 5 lbs., \$1.55; 10 lbs., \$2.90.

**BOUNTIFUL.** A favorite throughout the Northwest for its earliness, hardiness and productivity. Fine flat podded green Bean. The light green pods average 6 to 7 inches in length and are stringless, thick, flat, slightly fibrous, and of excellent quality. Its hardiness and yield under adverse conditions are its best qualities. Pkt., 5c;  $\frac{1}{4}$  lb., 15c;  $\frac{1}{2}$  lb., 26c; 1 lb., 45c, postpaid. Not prepaid, 5 lbs., \$1.60; 10 lbs., \$3.00.

**PLENTIFUL—All American Bronze Medal Winner.** A very heavy yielder and somewhat rust resistant, the flat green pods are  $6\frac{1}{2}$  inches long, straight, tender, fleshy and stringless. The best flat podded green bean. Pkt., 5c;  $\frac{1}{4}$  lb., 15c;  $\frac{1}{2}$  lb., 26c; 1 lb., 45c, postpaid. Not prepaid, 5 lbs., \$1.60; 10 lbs., \$3.00.

**STREAMLINER.** A very productive, upright sort, whose attractive, semi-flat light green pods are 7 inches long, stringless, fleshy and nearly fiberless. Pkt., 5c;  $\frac{1}{4}$  lb., 15c;  $\frac{1}{2}$  lb., 27c; 1 lb., 46c, postpaid. Not prepaid, 5 lbs., \$1.65; 10 lbs., \$3.10.



Fordhook Bush Lima

## LIMA BEANS

**FORDHOOK BUSH LIMA No. 242.** The best large podded dwarf Lima. All American Bronze Medal Winner originated by the U. S. Dept. of Agriculture. Pods of good length contain from 4 to 5 large, thick, white Beans. A heavy producer of high quality this stands drouth better than other sorts. Pkt., 10c;  $\frac{1}{4}$  lb., 16c;  $\frac{1}{2}$  lb., 28c; 1 lb., 48c, postpaid. Not prepaid, 5 lbs., \$1.75; 10 lbs., \$3.30.

**JACKSON WONDER BUSH LIMA.** This small seeded, calico colored Bush Lima is as early and dependable as any Lima Bean we have ever had in our trials. Pkt., 10c;  $\frac{1}{4}$  lb., 15c;  $\frac{1}{2}$  lb., 27c; 1 lb., 47c, postpaid. Not prepaid, 5 lbs., \$1.70; 10 lbs., \$3.20.

**HOPI LIMA.** A very early and hardy vining sort with small, white, fine flavored Beans. It is as early as Jackson Wonder and very productive. Pkt., 10c;  $\frac{1}{4}$  lb., 15c;  $\frac{1}{2}$  lb., 27c; 1 lb., 46c, postpaid. Not prepaid, 5 lbs., \$1.65.



For Better Yields Treat Beans and Peas with Nitragin. A 10c Package Will Treat Up to 6 lbs. of Seed



Improved Golden Wax

## DWARF WAX PODDED BEANS

**UNRIVALLED WAX.** The pods of this heavy yielding and exceptionally attractive sort are flat, but fleshy, light yellow, brittle, stringless and of fine texture. Pkt., 5c;  $\frac{1}{4}$  lb., 14c;  $\frac{1}{2}$  lb., 25c; 1 lb., 40c, postpaid. Not prepaid, 5 lbs., \$1.30; 10 lbs., \$2.50.



Sure Crop Stringless Wax

### SURE CROP STRINGLESS or BOUNTIFUL WAX

The best flat wax bean. A heavy yielding, disease resistant, and delicious Wax Bean. The long, golden pods are thick-flat, meaty, brittle, strictly stringless, and of fine texture and quality. Pkt., 5c;  $\frac{1}{4}$  lb., 15c;  $\frac{1}{2}$  lb., 26c; 1 lb., 45c, postpaid. Not prepaid, 5 lbs., \$1.60; 10 lbs., \$3.00.

### IMPROVED GOLDEN WAX— Top Notch Strain

This is the very finest selected strain of Golden Wax bean, and has for years been our most popular sort. It seems to be especially suited to Northwestern climatic conditions. Pods are large, fleshy, and entirely stringless. Color is a bright golden. A very early sort, and highly rust resistant. Pkt., 5c;  $\frac{1}{4}$  lb., 15c;  $\frac{1}{2}$  lb., 27c; 1 lb., 47c, postpaid. Not prepaid, 5 lbs., \$1.70; 10 lbs., \$3.20.

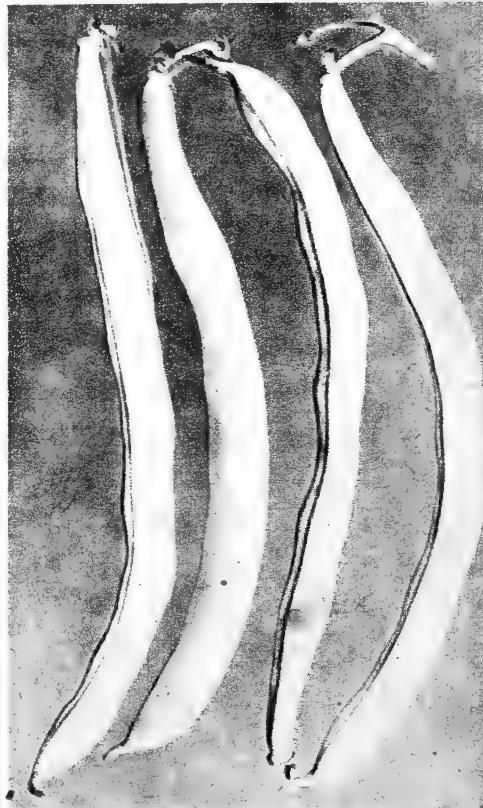
**PENCIL POD BLACK WAX** Very desirable for home and market garden, hardy, productive and of finest quality. **Probably the finest Round Podded Wax Bean.** The round golden yellow pods are fleshy, brittle, stringless and very tender. Pkt., 5c;  $\frac{1}{4}$  lb., 15c;  $\frac{1}{2}$  lb., 27c; 1 lb., 46c, postpaid. Not prepaid, 5 lbs., \$1.65; 10 lbs., \$3.10.

**NEW KIDNEY WAX.** A productive and high quality mid-season variety, stringless, fiberless, very fleshy and brittle. The flat pods average  $6\frac{1}{2}$  inches long and are an attractive, clear yellow in color. Pkt., 5c;  $\frac{1}{4}$  lb., 16c;  $\frac{1}{2}$  lb., 28c; 1 lb., 48c, postpaid. Not prepaid, 5 lbs., \$1.75; 10 lbs., \$3.30.

### SHELL or SNAP BEANS

**DWARF HORTICULTURAL or CRANBERRY.** The old fashioned New England snap and shell Bean, and you haven't tasted succotash until you have tried building it around this Bean. The pods are about 5 inches long, flat, almost stringless, greenish-yellow splashed with carmine. The seeds are deep buff, streaked with dark red. Pkt., 5c;  $\frac{1}{4}$  lb., 15c;  $\frac{1}{2}$  lb., 26c; 1 lb., 45c, postpaid. Not prepaid, 5 lbs., \$1.60; 10 lbs., \$3.00.

**ENGLISH BROAD WINDSOR.** The broad or Fava bean is one of the common household vegetables in Great Britain and on the Continent of Europe, and is very much esteemed there. This is the heaviest cropping broad bean. Delicious either cooked fresh or as a Winter shell bean. Pkt., 10c;  $\frac{1}{4}$  lb., 15c;  $\frac{1}{2}$  lb., 27c; 1 lb., 46c, postpaid. Not prepaid, 5 lbs., \$1.65; 10 lbs., \$3.10.



March 15, 1946

Three of my Roses bloomed last summer, Betty Bland, Rose Altaica and the Hansa. Everyone was delighted with them. As far as is known they are the first to bloom outdoors on Bristol Bay.—Mrs. Ray Smith, Aleknagik, Alaska.

Pencil Pod Black

**POLE BEANS**

**KENTUCKY WONDER WAX.** The best pole wax bean for northern planting. The light yellow pods are 8 to 9 inches long, thick, very fleshy and brittle. This is one of the earliest of the pole sorts. Pkt., 5c;  $\frac{1}{4}$  lb., 16c;  $\frac{1}{2}$  lb., 28c; 1 lb., 48c, postpaid. Not prepaid, 5 lbs., \$1.75; 10 lbs. \$3.30.

**KENTUCKY WONDER or OLD HOMESTEAD.**

The most popular green-podded climbing bean. The pods are 8 to 9 inches long, fleshy, curved, tender and of good quality. The old reliable. Pkt., 5c;  $\frac{1}{4}$  lb., 15c;  $\frac{1}{2}$  lb., 26c; 1 lb., 45c, postpaid. Not prepaid, 5 lbs., \$1.60; 10 lbs., \$3.00.

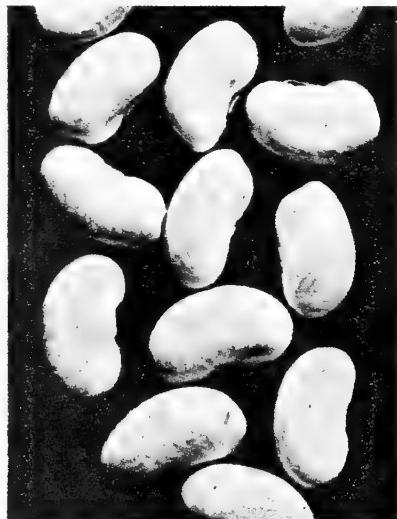
**EDIBLE SOY BEANS**

High in protein and fat, yet easily digested and utilized; and an excellent source of Vitamins A, B and G. They are used either dry or green.

**KABOTT.** Very early and prolific, well suited to this section. Pkt., 5c;  $\frac{1}{4}$  lb., 12c;  $\frac{1}{2}$  lb., 21c; 1 lb., 32c, postpaid.



Kabott Edible Soy Beans



Great Northern Beans

**FIELD BEANS****GREAT NORTHERN—The Best Baking Bean**

Every one knows the Great Northern Beans, but few know that the seed was originally obtained over fifty years ago by Oscar H. Will from Son of a Star, an Hidatsa Indian, by whose tribe it had been grown for many years. Hardy, a heavy yielder and early, it is much more tender and more quickly cooked than the Navy Bean, and one of the most largely grown field Beans.  $\frac{1}{4}$  lb., 12c;  $\frac{1}{2}$  lb., 21c; 1 lb., 32c, postpaid. Not prepaid, 10 lbs., \$1.80; 100 lbs., \$16.00.

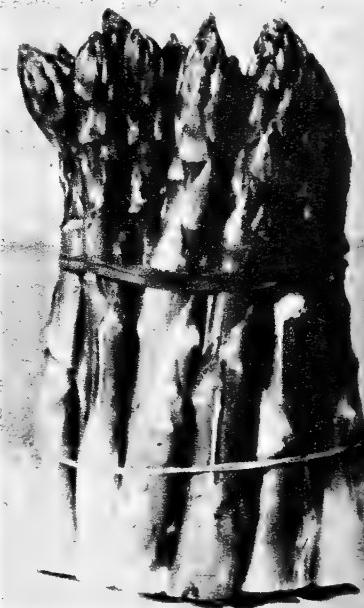
**HIDATSA.** A heavy yielder, hardy, drouth resistant and an excellent baking bean. The seed is similar to Great Northern in shape, but red in color.  $\frac{1}{4}$  lb., 13c;  $\frac{1}{2}$  lb., 23c; 1 lb., 35c, postpaid.

We like your seeds. My mother ordered from your company for over thirty years. Your seeds have always grown and done well.  
Myrtle Thompson,  
American Falls, Idaho.

**ASPARAGUS**

**Culture.** One ounce will sow 100 feet of row. Soak seed for 24 hours before planting 1 inch deep in rows 1 foot apart. When 1 year old set plants in permanent beds. Work soil to depth of 16 inches, manure heavily, and set roots 2 feet apart in the row with rows 4 feet apart and crowns 4 inches below the surface.

**MARY WASHINGTON.** The very vigorous and rust resistant variety developed by the U. S. Department of Agriculture. The best yielding pedigree strain, with large rich, dark green stalks. About 225 seeds to a packet. Pkg., 8c; oz., 20c;  $\frac{1}{4}$  lb., 70c; 1 lb., \$2.40, postpaid.



Mary Washington Asparagus

**ASPARAGUS ROOTS**

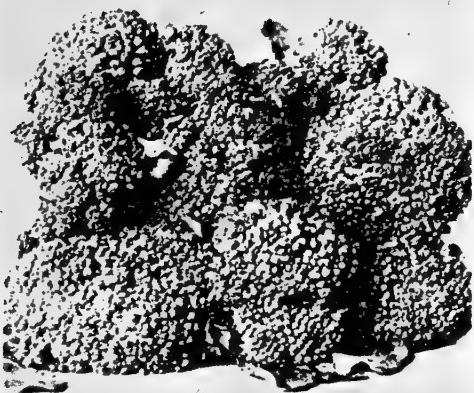
**MARY WASHINGTON.** Price, postpaid, doz., 55c; 50, \$1.85; 100, \$3.50. F.O.B. here, 50, \$1.75; 100, \$3.25.



**Germāco**  
**Hotkaps**

Help You Grow Earlier, Hardier  
Vegetables and Flowers

Strong little individual hothouses for every plant. Increase yields, promote larger fruits and vegetables and ripen plants earlier. Made of waxed paper, protect against rain, frost, wind and insects. Quickly and easily set—directions on package. Home garden Package contains 25 Hotkaps and cardboard setter, postpaid, 80c; not prepaid, 60c. Postpaid, 100 Hotkaps, \$2.20; 250 for \$4.15; 1,000 for \$12.00; 5,000 lots at \$11.75 per 1,000. The 100 and 250 Hotkap packages contain a Fiberboard setter. Sales tax on Hotkaps for North Dakota customers.



Green Sprouting Broccoli

## BORECOLE OR KALE

**GREEN CURLED or SCOTCH.** This is more hardy than cabbage and makes excellent greens for Fall and early Spring. A good frost improves the quality. About 1,300 seeds to the packet.  
Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 65c;  $\frac{1}{2}$  lb., \$1.15; 1 lb., \$2.15, postpaid.

## BRUSSELS SPROUTS

**LONG ISLAND IMPROVED.** Undoubtedly the best and most dependable sort of this most delicately flavored of the Cabbage family. This variety is the earliest, most dwarf and compact.  
Pkt., 10c; oz., 60c;  $\frac{1}{4}$  lb., \$2.00.

## BROCCOLI

**GREEN SPROUTING.** A distinct variety forming a large solid head, which remains green. When the central head is cut, numerous sprouts develop from the leaf axes, each sprout terminating in a small green head. Cooked as is cauliflower, it is very easily grown, one of the most delicious green vegetables, and decidedly worth trying. Pkt., 10c; oz., 35c.

## Chives

**SCHNITTLAUCH (Grass Onion).** The decorative perennial plants grow about ten inches high and the tops, which may be cut frequently, are used in salads and for flavoring soups and stews. Pkt., 15c; oz., 90c. To those preferring to set out plants we offer Clumps: Each, 28c; doz., \$2.80, postpaid.

## MUSHROOM SPAWN

**Bottle Spawn.** One bottle will plant 35 to 40 square feet of bed or about five times as much as one brick. Catches quicker and handles easier than brick spawn. Bottle Spawn is shipped removed from glass containers. Per bottle, \$1.10, postpaid.

## Cress

**UPLAND.** For salads and garnishing. Pkt., 10c; oz., 35c, postpaid.

## Endive

**MAMMOTH GREEN CURLED.** The standard variety with finely divided leaves which give the plant a mossy appearance. Endive is coming rapidly into favor for greens because of its excellent flavor. Pkt., 7c; oz., 20c;  $\frac{1}{4}$  lb., 60c, postpaid.

**BROAD LEAVED BATAVIAN or ESCAROLE.** One of the best varieties for salads. Pkt., 7c; oz., 20c;  $\frac{1}{4}$  lb., 60c, postpaid.

## EGGPLANT

Our seed is chemically treated to eliminate seed borne diseases and to aid germination and early growth.

**Culture:** Sow the seed (which is slow to germinate) in hotbed or indoors in boxes early in spring. When all danger of frost is past, transplant in open ground 2 to 3 feet apart.

**NEW HAMPSHIRE.** An All American Silver Medal Winner when introduced. For earliness and heavy yield try this one. The rich, dark purple colored fruits are good sized although a trifle smaller than Black Beauty. Pkt., 10c; oz., 80c;  $\frac{1}{4}$  lb., \$2.45, postpaid.

**BLACK BEAUTY.** Until the introduction of New Hampshire this was the earliest of the large type Egg Plant. The fruit is a very uniform dark purple, the size is large and uniform and the color and texture hold for an unusually long time. Pkt., 10c; oz., 75c;  $\frac{1}{4}$  lb., \$2.00, postpaid.

For Egg Plant plants See Page 57.



Black Beauty

## Leek

**LARGE LONDON or FLAG.** Sow early in a bed. When 6 inches high, trim off tops and transplant in rows 4 inches apart. Pkt., 10c; oz., 55c, postpaid.

## Okra

**DWARF GREEN.** A southern vegetable that is not difficult to raise in North Dakota. Start plants inside and transplant after frost is over. This is the earliest variety. About 70 seeds to the packet. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 45c, postpaid.

## KOHL-RABI

**EARLY WHITE VIENNA.** This best Kohl Rabi is extra early and easily grown. The nearly white bulbs are firm and distinctly sweet, and when cooked are crisp, tender and most delicate and tasty. Use when about the size of a hen's egg. Pkt., 10c; oz., 35c;  $\frac{1}{4}$  lb., \$1.15.



Early White Vienna Kohl-Rabi

**BEET**

Detroit Dark Red Beet

**DETROIT DARK RED.**

The best main crop beet. The roots are smooth, medium sized, globe-shaped. The skin is a dark blood red and the flesh is a solid vermillion-red with no zoning. Pkt., 8c; oz., 15c;  $\frac{1}{4}$  lb., 50c;  $\frac{1}{2}$  lb., 90c; lb., \$1.60, postpaid. Not prepaid, 5 lbs., \$6.75.

**PERFECTED DETROIT.** Well adapted for market or canning, with good color and heavy yield, and heavier tops than our strain of Detroit Dark Red. Pkt., 8c; oz., 15c;  $\frac{1}{4}$  lb., 50c;  $\frac{1}{2}$  lb., 90c; lb., \$1.60, postpaid. Not prepaid, 5 lbs., \$6.75.

**SUGAR BEET**

**WHITE SUGAR.** A most desirable and extensively grown Sugar Beet. The roots are wedge shaped, 12 to 15 inches long, and about 4 inches thick at the shoulder. The skin is grayish white and the flesh pure white. With very high sugar content and good keeping qualities, this is not only a source of sugar, but an excellent stock food and milk producer. Pkt., 6c; oz., 12c;  $\frac{1}{4}$  lb., 40c;  $\frac{1}{2}$  lb., 60c; 1 lb., \$1.10, postpaid. Not prepaid, 5 lbs., \$4.75.

We plant mangels around our hog lot. It works out.

**Mangels or Stock Beets**

A cheaply produced, heavy yielding, highly valuable feed for stock and poultry.

**Culture.** Sow in May or early June in deep mellow soil, about  $1\frac{1}{2}$  inches deep, in rows  $1\frac{1}{2}$  to 2 feet apart. Four to six pounds are required to the acre.

The following Mangels are priced: Pkt., 6c; oz., 12c;  $\frac{1}{4}$  lb., 40c;  $\frac{1}{2}$  oz., 60c; 1 lb., \$1.10, postpaid. Not prepaid, 5 lbs., \$4.75.

**MAMMOTH LONG RED.** The heaviest yielder and most popular of all Mangels. The light red roots are pinkish fleshed and grow well out of ground. Yields run as high as fifty tons to the acre.

**GIANT HALF SUGAR ROSE.** The long, oval, white fleshed roots are white skinned with rose-colored shoulder. This type combines in considerable degree the sugar content of the sugar beet and the size of the mangel.

**GOLDEN TANKARD.** A variety noted for its milk producing properties. The cylindrical roots grow well out of the ground and yield well on light soil. The flesh is yellow zoned with white.

**GOLDEN GIANT or DANISH SLUDSTRUP.** A very high yielder, the long oval roots are reddish yellow with white flesh, growing more than half above ground and easily harvested.

The Mangels above are priced: Pkt., 6c; oz., 12c;  $\frac{1}{4}$  lb., 40c;  $\frac{1}{2}$  lb., 60c; 1 lb., \$1.10, postpaid. Not prepaid, 5 lbs., \$4.75.

We shall appreciate notification by our customers of any change in address or duplication of catalogs.



Golden Giant

# BEETS

**Culture:** Sow from April 15th to July 15th, covering 1 inch deep. Thin to 4 to 5 inches apart in the row. Thinning can be done gradually for greens and small beets. One ounce will sow 75 feet of row; six pounds, an acre. About 450 seeds in a packet.

## WILL'S IMPROVED BLOOD TURNIP BEET.

This is an exceptionally fine strain of Crosby's Egyptian. The roots are somewhat flattened though globular, and the skin a very dark red in color. The flesh is of a slightly lighter shade and lightly zoned. The best first early Beet and a good keeper. Pkt., 8c; oz., 15c;  $\frac{1}{4}$  lb., 50c;  $\frac{1}{2}$  lb., 90c; lb., \$1.55, postpaid. Not prepaid, 5 lbs., \$6.50.

## EARLY WONDER or BOSTON CROSBY.

This selection from Crosby's Egyptian is not as early as the Will's Improved. The roots are very uniform and more nearly globe-shaped with very small top and tap root, dark red skin with deep blood-red flesh and very little zoning. A very popular variety with market gardeners and unexcelled for the home garden. Pkt., 8c; oz., 15c;  $\frac{1}{4}$  lb., 50c;  $\frac{1}{2}$  lb., 90c; lb., \$1.55, postpaid. Not prepaid, 5 lbs., \$6.50.

Small Green young Beets cooked with their equally tender tops are delicious and rich in vitamins.



Early Wonder Beet

I have used Will's seeds year after year and found none better or any garden better than my own.—Mrs. Earl D. Fink, Baudette, Minn.

## OHIO CANNER.

This deep blood red Beet is free from zoning, flattened globe in shape, uniform in growth, tender, sweet, the most handsome Beet when canned that we know and outstanding for interior color. A desirable sort for all purposes. Pkt., 9c; oz., 17c;  $\frac{1}{4}$  lb., 55c;  $\frac{1}{2}$  lb., \$1.00; 1 lb., \$1.80, postpaid. Not prepaid, 5 lbs., \$7.75.



Swiss Chard Lucullus

**LUCULLUS.** To our mind the best vegetable that can be raised for greens. The crumpled, rich green outside leaves are picked off and the plant yields a constant crop from July well into September. The leaves are large and picking a mess of Swiss Chard for greens is short work. The thick broad stems may be cooked like asparagus or used for pickles. This is the most popular sort and gives big returns with little care. Pkt., 7c; oz., 15c;  $\frac{1}{4}$  lb., 45c;  $\frac{1}{2}$  lb., 70c; 1 lb., \$1.20, postpaid.



Will's Improved Blood Turnip

## GREEN TOP BUNCHING.

An early, extremely attractive Beet with clean, grayish green foliage. The roots are round, smooth and glossy; the flesh bright blood red, finer and less fibrous than most Beets. Pkt., 8c; oz., 15c;  $\frac{1}{4}$  lb., 50c;  $\frac{1}{2}$  lb., 90c; 1 lb., \$1.60, postpaid. Not prepaid, 5 lbs., \$6.75.

## SWISS CHARD

## SWISS CHARD



Copenhagen Market

**COPENHAGEN MARKET**

This is in our opinion the heaviest yielding and best quality Cabbage that can be grown. A dependable yielder of smooth, round, even sized heads, valuable for either extra early or main crop use. The plant is short stemmed and compact, leaves medium light green, and the heads average about 4 pounds. Pkt., 10c; oz., 30c;  $\frac{1}{4}$  lb., \$1.00;  $\frac{1}{2}$  lb., 1.85; 1 lb., \$3.50, postpaid.

**GREEN ACRE.** A greener Golden Acre with smooth, solid, rich green color. Pkt., 10c; oz., 35c;  $\frac{1}{4}$  lb., \$1.10;  $\frac{1}{2}$  lb., \$2.05; 1 lb., \$3.90, postpaid.



Early Jersey Wakefield

**CORNELL EARLY SAVOY-ODORLESS.** This is the earliest of the Savoy type with round, medium sized heads whose much crumpled dark green leaves are of distinct and delicate flavor. Developed by Prof. C. H. Meyers and the Cornell University Experiment Station, add to its other good points the fact that it is practically odorless in cooking. Pkt., 10c; oz., 40c;  $\frac{1}{4}$  lb., \$1.40, postpaid.

**RED ACRE.** The earliest red cabbage. The uniform, deep red heads are medium sized, very hard and solid. Pkt., 15c; oz., 60c;  $\frac{1}{4}$  lb., \$1.50, postpaid.

FOR CABBAGE PLANTS, SEE PAGE 58.

**Cabbage**

Ask for Prices on Quantities Larger Than Listed

**Culture:** For early plants sow seed in boxes indoors or in hot bed, allowing 6 to 7 weeks from sowing to setting in the open ground. Some recommend planting the seeds in the field, 3 or 4 seeds to a hill and leaving the strongest plant. One ounce of seed will produce from 1500 to 2000 plants in open ground, 3000 in frames. 4 to 6 ounces of seed is required to produce plants for an acre.

**EARLY VARIETIES**

For early use we recommend especially Golden Acre and Copenhagen Market; for late use, Danish Ballhead.

**GOLDEN ACRE—Earliest of All**

First of the Copenhagen Market type by ten days, this is the earliest round headed Cabbage. The plants are dwarf and compact. The heads weigh about 3 pounds, are round as balls, solid, very uniform and sweet. If you want the earliest Cabbage and the top prices that go with it, plant our Golden Acre. Pkt., 10c; oz., 30c;  $\frac{1}{4}$  lb., \$1.00;  $\frac{1}{2}$  lb., \$1.85; 1 lb., \$3.50, postpaid.



Golden Acre

**WILL'S EARLY JUNE**

The earliest flat headed Cabbage, making fair sized, solid and shapely heads within 70 days from transplanting. The plant is vigorous, stands heat and is particularly desirable for the northwest. Pkt., 10c; oz., 28c;  $\frac{1}{4}$  lb., 90c;  $\frac{1}{2}$  lb., \$1.70; 1 lb., \$3.20, postpaid.

**EARLY JERSEY WAKEFIELD**

A standard, widely grown sort and the earliest pointed variety. The conical heads are solid and the small outer leaves permit close planting. Pkt., 10c; oz., 28c;  $\frac{1}{4}$  lb., 90c;  $\frac{1}{2}$  lb., \$1.70; 1 lb., \$3.20, postpaid.

Prevent Cabbage Worm Damage with  
**BUGEX**  
See Page 79



Will's Early June

Your Will's Garden will pay big dividends

# More Early CABBAGE

**GLORY OF ENKHUIZEN.** Attractive globe shaped heads, exceptionally firm and solid, and weighing from 6 to 8 pounds. A good keeper, largely planted for medium early and main crop, and fine for kraut. Pkt., 10c; oz., 25c;  $\frac{1}{4}$  lb., 80c;  $\frac{1}{2}$  lb. \$1.50; 1 lb., \$2.80, postpaid.

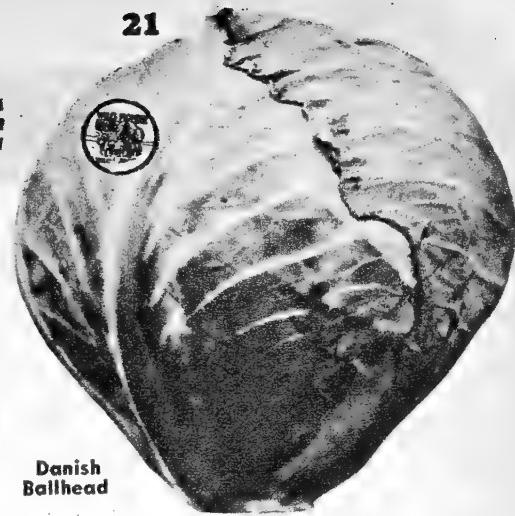


Glory of Enkhuizen

**PROTECT  
YOUR  
PLANTS**

**DUST  
WITH  
GARDEN  
GUARD**

See Page 79



Danish Ballhead

# Later CABBAGE

## DANISH BALLHEAD

**DANISH BALLHEAD** Short Stem or Hollander. This variety is one of our specialties and the most widely used and finest late Cabbage grown. Very hardy, the deep round, pale blue-green heads weigh from 6 to 7 pounds, are crisp, tender and sweet, and of finest quality. This variety is outstanding for its solidity and fine keeping qualities. Pkt., 10c; oz., 30c;  $\frac{1}{4}$  lb., \$1.00;  $\frac{1}{2}$  lb., \$1.85; 1 lb., \$3.50, postpaid.

**PENN STATE BALLHEAD** Largest of the ballhead types, this is notable for its heavy yield and excellence for winter storage and for making kraut. The uniform heads are a flattened globe shape. Pkt., 10c; oz., 30c;  $\frac{1}{4}$  lb., \$1.00;  $\frac{1}{2}$  lb., \$1.85; 1 lb., \$3.50, postpaid.



Will's Selected Premium Flat Dutch

Chihli, Chinese Cabbage

## NEPONSET

Waterproof Green Paper

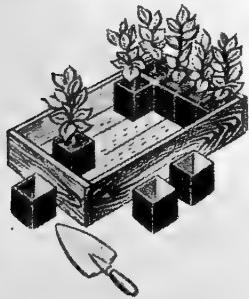
Flower Pots. Just the thing for starting bedding and vegetable plants, etc. They make a fine cut worm guard when the plant is set. Postpaid, 3-inch size, 25c per doz.; \$1.40 per 100; F. O. B. here, 1000, \$12.00.



## VITABANDS

Built in nu-

trients promote vigorous, balanced growth; reduce watering frequency and prevent transplant setback. Postpaid, 100, \$1.00. Not postpaid, 1,000; \$7.75.



**WILL'S PREMIUM FLAT DUTCH.** The largest of the late varieties, low growing and a sure header, the most popular late flat heading sort. May weigh 10 or 12 lbs. The flattened heads are bluish green in color, solid, of handsome appearance and fine quality. Pkt., 10c; oz., 28c;  $\frac{1}{4}$  lb., 90c;  $\frac{1}{2}$  lb., \$1.70; 1 lb., \$3.20, postpaid.

**HARRIS READY-TO-USE LOCKED PLANT BANDS AND POTS.** The only really Ready-to-use bands on the market. No locks to put together, no tacks to drive, no folding of corners. They come already folded and set up. BANDS, 2x2x2 $\frac{1}{2}$  inches, package of 250, \$1.25, postpaid. BANDS, 3x3x3 inches, package of 250, \$1.50, postpaid. POTS, 3x3x3 inches, package of 250, \$1.75, postpaid.

# Healthful CARROTS Tasty

**Culture:** Plant  $\frac{1}{2}$  inch deep in well prepared soil, cultivate as soon as plants are well established, and thin to 3 or 4 inches apart in the row. Plantings may be made from early spring to the middle of June.  $\frac{3}{4}$  to 5 pounds to the acre.

**CORELESS.** The most strikingly handsome early carrot we know. The deep orange roots are exceptionally smooth, cylindrical, 6 inches long by  $1\frac{1}{2}$  inches in diameter, and free from woody heart or core. This is worth a trial. Pkt., 10c; oz. 23c;  $\frac{1}{4}$  lb., 70c;  $\frac{1}{2}$  lb., \$1.25; 1 lb., \$2.30, postpaid.

*We have always used Wills Pioneer seeds and find that we like them best. It seems they never fail to grow.—Rosemary Rozum, Fort Meade, S. Dak.*

Carrots  
are  
Easily  
Grown,  
Heavy  
Yielding  
and  
Health  
Giving



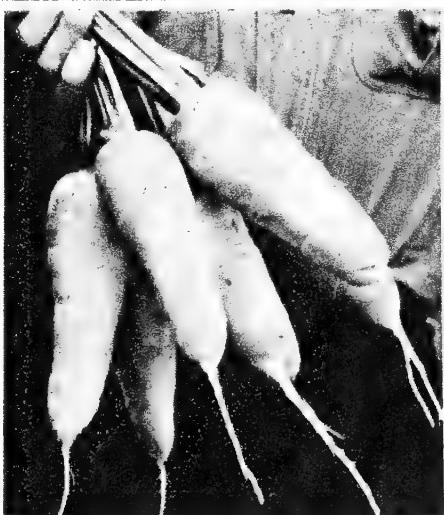
Coreless Carrot

## DANVERS HALF LONG.

The best known second early half long sort, a great yielder and a first class carrot for all soils. The roots are smooth, from 6 to 8 inches long, tapering to a blunt point, a deep orange in color, with close texture flesh and little core. Although the roots are comparatively short, they yield as heavily as the larger sorts. Pkt., 8c; oz., 20c;  $\frac{1}{4}$  lb., 65c;  $\frac{1}{2}$  lb., \$1.15; 1 lb., \$2.10, postpaid. Not prepaid, 5 lbs., \$9.00.



Danvers Half-Long Carrot



Chantenay Carrot

**IMPROVED LONG ORANGE.** A standard heavy cropping sort, the orange-red roots grow 10 to 12 inches long, 3 inches thick at the shoulder, tapering to a point, smooth, sweet and fine grained. Pkt., 8c; oz., 20c;  $\frac{1}{4}$  lb., 65c;  $\frac{1}{2}$  lb., \$1.15; 1 lb., \$2.10, postpaid.

**CHANTENAY or MODEL.** This is an excellent medium early half-long, stump rooted variety. The roots are smooth and are from 5 to 6 inches long, with rich orange-red flesh of the finest quality. It is a great favorite with market gardeners. Pkt., 8c; oz., 20c;  $\frac{1}{4}$  lb., 65c;  $\frac{1}{2}$  lb., \$1.15; 1 lb., \$2.10, postpaid. Not prepaid, 5 lbs., \$9.00.

**IMPERATOR or TENDER SWEET.** One of the finest varieties, always sweet, tender and brittle, the roots are from 7 to  $8\frac{1}{2}$  inches long, 2 inches in diameter at the shoulder and uniformly tapered to a semi-blunt end. The flesh is rich orange with indistinct core. Pkt., 8c; oz., 20c;  $\frac{1}{4}$  lb., 65c;  $\frac{1}{2}$  lb., \$1.15; 1 lb., \$2.10; postpaid. Not prepaid, 5 lbs., \$9.00.

Will's catalogue is an authority at our house, on varieties best suited for our locality. We always find every article purchased from you just as described in your catalog. We always have one near at hand. "It's so dependable."

Yours very truly,  
Mrs. Wayne Dainton,  
Lusk, Wyo.

I have in the past and always will give Will's unreserved praise for their seeds. Last year I was especially pleased with the Glad collection. Your seeds are also very good. In fact the only ripe watermelons I have ever raised were from Will's seed. All in all I am a very satisfied customer.—Walter Willis, Hitterdal, Minn.



Imperator  
or  
Tendersweet

**OXHEART or GUERANDE.**

One of the most valuable and popular varieties. When fully grown the type is about 5  $\frac{1}{2}$  inches long, 3  $\frac{1}{2}$  inches thick at the shoulder and about 2 inches thick at the bottom. With bright orange flesh, fine grained and sweet, it is of fine quality for table use and equally good for stock. It is very easily dug or pulled and is probably our heaviest yielding carrot. Pkt., 8c; oz., 20c;  $\frac{1}{4}$  lb., 65c;  $\frac{1}{2}$  lb., \$1.15; 1 lb., \$2.10, postpaid. Not prepaid, 5 lbs., \$9.00.



Morse's Bunching

**Carrots**

Oxheart Carrot

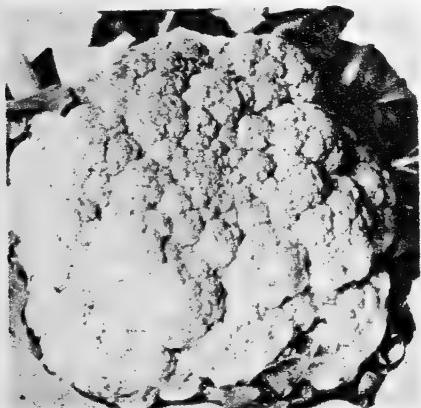
**MORSE'S BUNCHING.** A fine bunching

carrot—very much like Pride of Denmark, of high quality, almost coreless and a heavy yielder. The nearly cylindrical, deep orange roots are about 8 inches long. This is an excellent variety both for market and home garden. Pkt., 8c; oz., 20c;  $\frac{1}{4}$  lb., 65c;  $\frac{1}{2}$  lb., \$1.15; 1 lb., \$2.10, postpaid. Not prepaid, 5 lbs., \$9.00.

*I have been a satisfied customer for 40 years.—Mrs. Willis W. Hanson.*

**One of the Most Profitable Crops  
for Market and Small Gardeners**

**CULTURE:** Cauliflower culture is practically the same as that of Cabbage. One ounce of seed will produce 1500 to 2500 plants. Allow 6 weeks from time of sowing indoors or in hotbed to setting plants in the field in the latter half of May or early June. Gather and tie tops of leaves loosely together as soon as the heads begin to form.



Super Snowball

**Cauliflower****QUARTER AND HALF OUNCES AT OUNCE RATE**

**SNOWDRIFT.** True Snowball type, very vigorous, with heads well protected by inner folding leaves. Pkt., 15c; oz., \$2.40.

**EARLY SNOWBALL.** The earliest cauliflower, short leaved with medium sized heads, snow white, deep, smooth and compact. Pkt., 15c; oz., \$2.40.

Dust Cauliflower  
regularly  
with Bugex

Early Snowball

**DANAMERICA SUPERSNOWBALL.** Our most reliable header and uniform Cauliflower, ten days later than SuperSnowball. The plants are short stemmed with profuse protecting foliage. The heads are deep, very firm and heavy. Pkt., 15c; oz., \$2.50.

**SUPER SNOWBALL.** (Madsen strain.) The earliest dependable Cauliflower. The plants are vigorous and sturdy. The deep heads are large, pure white, very uniform and of highest quality. Pkt., 15c; oz., \$2.50.

*I would like to add that I like your firm very well, as you are prompt and honest in service, and have really hardy seeds and plants. I especially value being able to get small amounts of various open pollinated corn for experiment.*

*Yours truly,  
Donald Grobner,  
Ellendale, Minn.*



For Cauliflower Plants, See Page 58.

**EARLIEST  
HARDEST  
QUALITY**

# SWEET CORN

## **OUR SPECIALTY**

**CULTURE:** Plant in drills about 3 feet apart, one kernel every 8 inches; or in hills 3 to  $3\frac{1}{2}$  feet apart each way, dropping 4 or 5 kernels to a hill. Sweet Corn should not be planted until the ground is fairly warm. One-fourth pound to 100 hills; 8 pounds per acre. One pound of Sweet Corn is a little more than a pint.

**Will's Sweet Corn Collection**

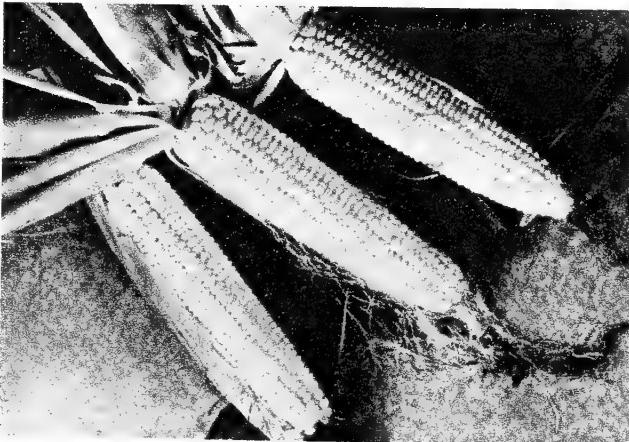
This collection is designed to give Corn lovers the longest possible succession of roasting ears.

<b>PICKANINNY</b>	<b>GREAT PLAINS GOLDEN BANTAM</b>
<b>EARLIGOLD</b>	<b>GOLDEN CROSS BANTAM</b>
<b>SUNSHINE</b>	<b>LINCOLN</b>

**2 Ounces of Each of the above** **60c** **The Price of the Collection, Postpaid**

# **HYBRID SWEET CORN**

#### **More Vigorous, Uniform, and Heavier Yielding**



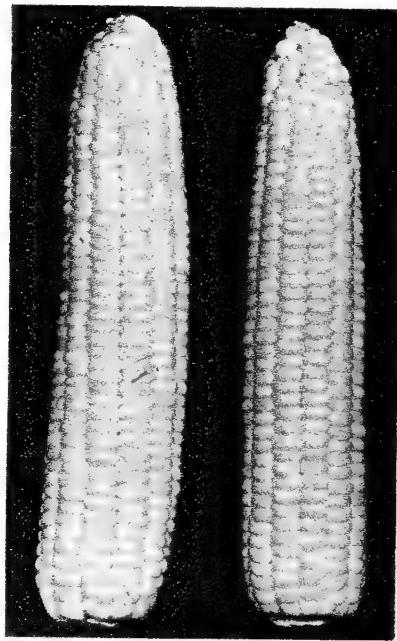
## **Earligold Hybrid**

**EARLIGOLD HYBRID.** 72 days. A very early, large eared,

**Corn.** The uniform golden ears are  $6\frac{1}{2}$  to 7 inches long, with 12 to 16 rows of kernels. A most satisfactory combination of earliness, size and quality. Pkt., 10c;  $\frac{1}{4}$  lb., 21c;  $\frac{1}{2}$  lb., 36c; 1 lb., 61c, postpaid. Not prepaid, 5 lbs., \$2.35; 10 lbs., \$4.60.

## **GOLDEN CROSS BANTAM**

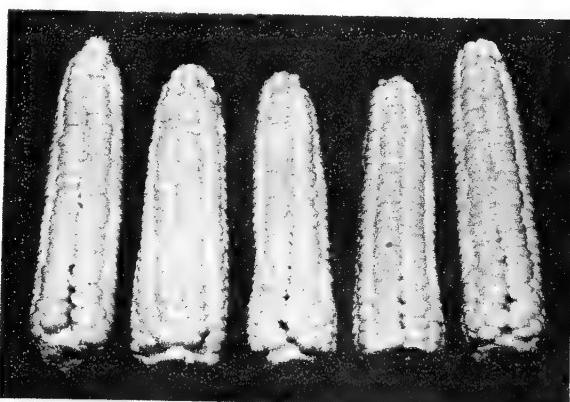
85 days. A heavy yielding, large eared hybrid developed at Purdue University in conjunction with the U. S. Department of Agriculture. About 2 weeks later than our Golden Bantam with very uniform ears. This is resistant to Stewart's disease or Wilt and is the most widely used hybrid. Pkt., 10c;  $\frac{1}{4}$  lb., 20c;  $\frac{1}{2}$  lb., 35c; 1 lb., 60c, postpaid. Not prepaid, 5 lbs., \$2.30; 10 lbs., \$4.50.



### **Golden Cross Bantam**

## **STANDARD or OPEN-POLLINATED SWEET CORN**

**Excellent varieties often preferred for the home garden.**



Golden Gem

**ORCHARD BABY.** 62 days. (See inside front cover for picture.) The Earliest Sweet Corn, dwarf with small golden ears of highest quality. Pkt., 10c; 2 oz., 20c, postpaid.

**GOLDEN GEM.** 68 days. **Very Early.** Ten days earlier than Golden Bantam, the 8 rowed ears are 6 to 7 inches long, deep yellow and exceptionally sweet. Pkt., 5c;  $\frac{1}{4}$  lb., 14c;  $\frac{1}{2}$  lb., 24c; 1 lb., 38c, postpaid. Not prepaid, 5 lbs., \$1.30; 10 lbs., \$2.50; 50 lbs., \$10.50.

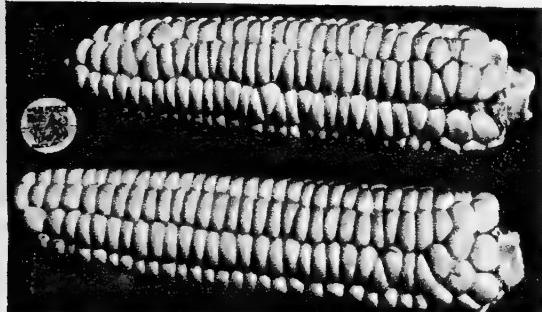
**COMMANDO.** A cross from our seed plots—Golden Gem crossed with the very early, but tall growing Russian yellow flint. Good size combined with extreme earliness, good habits and good quality. Pkt., 5c;  $\frac{1}{4}$  lb., 16c;  $\frac{1}{2}$  lb., 28c; 1 lb., 45c, postpaid. Not prepaid, 5 lbs., \$1.55; 10 lbs., \$3.00.

**PICKANINNY.** 66 days. Developed by a Canadian Experiment Station, the 8 to 10 rowed, very dark blue ears are of good quality. A Wonderful Home Garden sort. Pkt., 5c;  $\frac{1}{4}$  lb., 14c;  $\frac{1}{2}$  lb., 25c; 1 lb., 40c, postpaid. Not prepaid, 5 lbs. \$1.30; 10 lbs. \$2.50.

**EARLIEST  
HARDEST  
QUALITY**

# SWEET CORN

**OUR  
SPECIALTY**



Will's Early June

#### WILL'S EARLY JUNE. 72 days.

The Earliest White Sweet Corn. A very dwarf and amazingly early variety bred by us for a short season, and a true and delicious Sweet Corn. The white, eight rowed ears are from 4  $\frac{1}{2}$  to 6 inches long. Pkt. 5c;  $\frac{1}{4}$  lb., 14c;  $\frac{1}{2}$  lb., 25c; 1 lb., 40c, postpaid. Not prepaid, 5 lbs., \$1.30; 10 lbs., \$2.50; 50 lbs., \$10.50.

#### NUETTA. 75 days. The hardiest

Sweet Corn, and the most productive variety we have. The dry seed is red, but when fit for table, the 7 inch long, 8 to 10 rowed ears are a rich golden yellow. Our original seed was obtained from a Mandan Indian about 40 years ago. Pkt., 5c;  $\frac{1}{4}$  lb., 14c;  $\frac{1}{2}$  lb., 24c; 1 lb., 38c, postpaid. Not prepaid, 5 lbs., \$1.20; 10 lbs., \$2.30; 50 lbs., \$9.50.

**SUNSHINE.** 76 days. Larger eared, yet as early as standard strains of Golden Bantam. (See inside front page for illustration.) The 12 to 14 rowed, golden yellow ears are 8 in. long, and broad, golden yellow kernels are very sweet and tender. Developed at the North Dakota Experiment Station by Professor A. F. Yeager. A great Corn for the home and market garden. Pkt., 5c;  $\frac{1}{4}$  lb., 14c;  $\frac{1}{2}$  lb., 24c; 1 lb., 38c, postpaid. Not prepaid, 5 lbs., \$1.20; 10 lbs., \$2.30; 50 lbs., \$9.50.

#### GOLDEN BANTAM—Great Plains Strain. 72 days.

A recombination of a number of smut-resistant selfed strains. This corn has been developed for earliness, drouth resistance, vigor, smut resistance, short shanks and the characteristic of two ears to a stalk. Our original stock seed was obtained from the Bureau of Plant Industry, Northern Great Plains Field Station, Mandan, N. Dak. It is far ahead of any other Golden Bantam we have seen. Pkt., 5c;  $\frac{1}{4}$  lb., 16c;  $\frac{1}{2}$  lb., 28c; 1 lb., 45c, postpaid. Not prepaid, 5 lbs., \$1.55; 10 lbs., \$3.00.

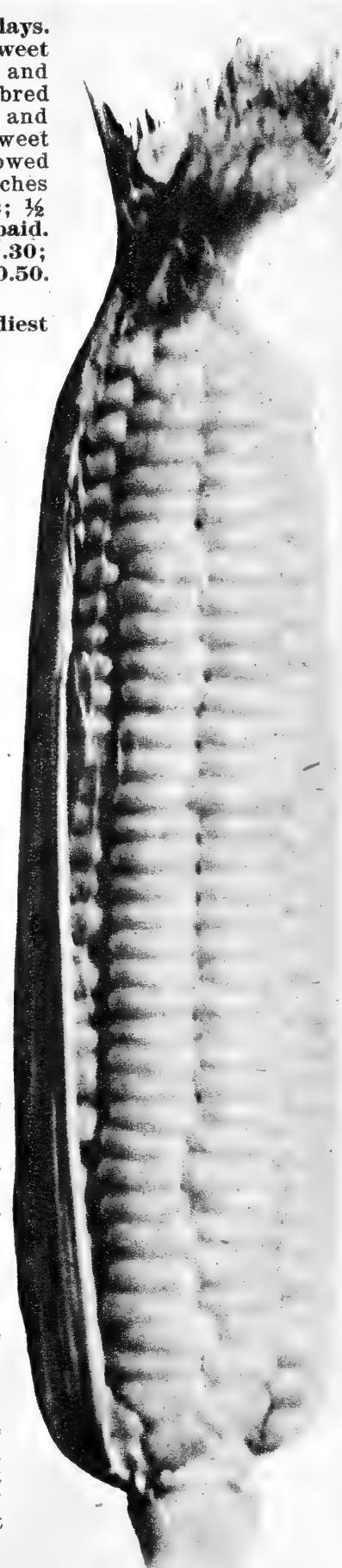
#### GOLDEN BANTAM—Standard Strain. 76 days. The

best and most popular Sweet Corn. Dependable, of highest quality, the broad, deep, tender golden kernels are rich and delicious. Ours is earlier than most strains of Golden Bantam. The 8 rowed ears are 6 to 7 inches long, very sweet, tender and delicious and remain edible for a long time. It is a heavy producer. Pkt., 5c;  $\frac{1}{4}$  lb., 14c;  $\frac{1}{2}$  lb., 25c; 1 lb., 40c, postpaid. Not prepaid, 5 lbs., \$1.30; 10 lbs., \$2.50; 50 lbs., \$9.50; 100 lbs., \$18.00.

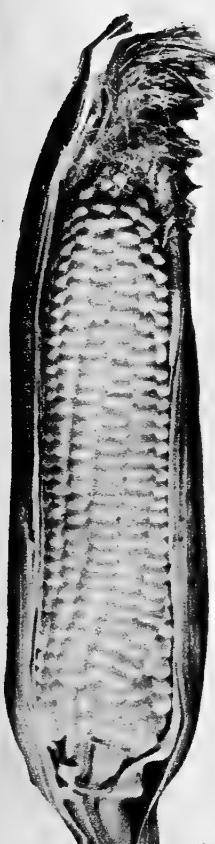
**WILL'S BANANA CREAM.** 85 days. Medium late, delicious, large eared creamy white Sweet Corn of outstanding quality. Pkt., 5c;  $\frac{1}{4}$  lb., 14c;  $\frac{1}{2}$  lb., 25c; 1 lb., 40c, postpaid.

**STOWELL'S EVERGREEN.** 95 days. The Standard White Late Sweet Corn. The 8 inch ears are usually 16 rowed with very sweet, deep, white kernels. Besides its table uses, the rank fodder that characterizes this variety makes it extremely valuable for the dairy herd. Pkt., 5c;  $\frac{1}{4}$  lb., 14c;  $\frac{1}{2}$  lb., 25c; 1 lb., 40c, postpaid. Not prepaid, 5 lbs., \$1.30; 10 lbs., \$2.50; 50 lbs., \$10.50.

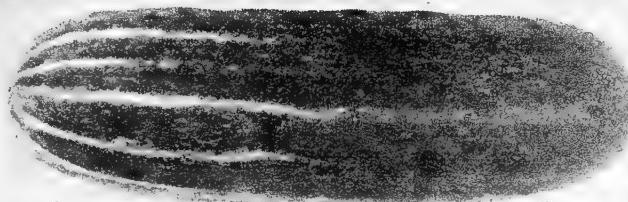
**ORDER EARLY**



Golden Bantam



Sunshine



Earliest of All

**EARLIEST OF ALL.** The Earliest Standard Cucumber of Quality.

Prolific and desirable, the deep green Cucumbers are  $7\frac{1}{2}$  inches long and  $2\frac{1}{2}$  inches thick. Of special value to those who wish to be first on the market and a fine home-garden sort. Pkt., 8c; oz., 20c;  $\frac{1}{4}$  lb., 65c;  $\frac{1}{2}$  lb., \$1.15; 1 lb., \$2.10, postpaid.

**DAVIS PERFECT.** A dark, glossy green, thick fleshed sort of fine quality. The Cucumbers average 10 inches long by  $2\frac{1}{2}$  inches thick, very tender, brittle with relatively few seeds. Pkt., 9c; oz., 25c;  $\frac{1}{4}$  lb., 70c;  $\frac{1}{2}$  lb., \$1.35; 1 lb., \$2.50, postpaid.

**EARLY CLUSTER.** An early, productive pickling type, borne in clusters. The medium green fruits are short and blunt ended. Pkt., 8c; oz., 20c;  $\frac{1}{4}$  lb., 65c;  $\frac{1}{2}$  lb., \$1.10; 1 lb., \$2.00, postpaid.

**WHITE WONDER.** An ivory white symmetrical Cucumber of fine quality. The fruits are 7 to 8 inches long and 3 inches through, white at all stages of growth. Pkt., 10c; oz., 25c;  $\frac{1}{4}$  lb., 75c;  $\frac{1}{2}$  lb., \$1.35; 1 lb., \$2.50, postpaid.



Extra Early Siberian

**EXTRA EARLY SIBERIAN.** The Earliest and Hardest Cucumber. A heavy yielder and two weeks earlier than any other sort, the Cucumbers are 6 inches long by  $2\frac{1}{2}$  inches through, somewhat russeted when ripe. Of good quality, this sort is fine for small pickles and dills as well as for slicing. Pkt., 10c; oz., 35c.

**Crisp CUCUMBERS****For Pickling and Slicing**

As soon as the weather becomes warm and settled, plant one inch deep in well prepared soil in hills 4 or 5 feet apart each way with 8 to 10 seeds to a hill. Thin to 4 or 5 plants to the hill. Thorough but shallow cultivation is essential. One ounce of seed will plant about 80 hills. Cucumbers from seed in 46 to 68 days depending on variety.

**A & C.** An outstandingly uniform, vigorous and high yielding variety, of ideal size, shape and quality. The rich deep green fruit are 8 to 9 inches long by two inches thick, few seeded, and hold their color unusually well. Pkt., 10c; oz., 25c;  $\frac{1}{4}$  lb., 75c;  $\frac{1}{2}$  lb., \$1.35; 1 lb., \$2.50, postpaid.



Arlington White Spine Cucumber

**ARLINGTON WHITE SPINE.** One of the earliest and most productive of the famous White Spine group. The medium dark green fruits are 8 to 9 inches long and  $2\frac{1}{2}$  inches through, rounded at the ends. Very popular as a market variety on account of its good keeping qualities and its uniformity of size and shape. Pkt., 8c; oz., 20c;  $\frac{1}{4}$  lb., 65c;  $\frac{1}{2}$  lb., \$1.10; 1 lb., \$2.00, postpaid.



Improved Long Green

**IMPROVED LONG GREEN.** The standard of slicing quality and unexcelled for pickles when small. The rich, dark green fruits average 12 inches long and about 3 inches through with crisp, firm white flesh. This is one of the most popular sorts. Pkt., 10c; oz., 25c;  $\frac{1}{4}$  lb., 75c;  $\frac{1}{2}$  lb., \$1.35; 1 lb., \$2.50, postpaid.

**EARLIEST WHITE.** Very early and a heavy yielder, the Cucumbers average 7 inches long, initially green, turning white as they mature, crisp and of fine quality. Pkt., 10c; oz., 35c.

**WEST INDIA GHERKIN.** Used exclusively for pickles and distinct from all others. The pale green oval fruits are 2 inches long by  $1\frac{1}{4}$  inches through, small seeded and covered with tender spines. Pkt., 10c; oz., 25c;  $\frac{1}{4}$  lb., 75c;  $\frac{1}{2}$  lb., \$1.35; 1 lb., \$2.50, postpaid.

*Mrs. Roy V. Mitchell  
Mentor, Minn.*

*I have used Will's Seeds for 12 years and think they are A-1. This is the second glad collection I've ordered and I must say I've been more than proud of the first collection. Hoping for a better garden in '46 with Will's seeds.*

## WILL'S CUCUMBERS



Straight Eight

**STRAIGHT EIGHT.** The most desirable slicing Cucumber, an All American Gold Medal Winner and an outstandingly heavy yielder. The uniform and attractive dark green Cucumbers are 8 inches long, straight and smoothly cylindrical, well rounded at both ends and about 2 inches in diameter. This is one of the best sorts. Pkt., 10c; oz., 25c;  $\frac{1}{4}$  lb., 75c;  $\frac{1}{2}$  lb., \$1.35; 1 lb., \$2.50, postpaid.



Chicago Pickling Cucumbers

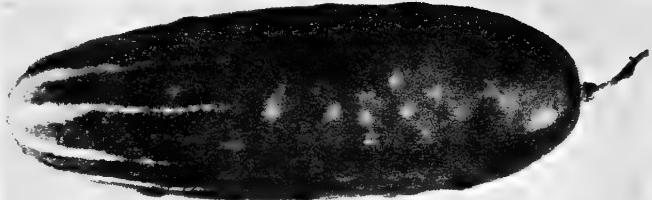
## POPCORN

**JAPANESE HULLESS.** Of wonderful popping quality. This is one of the best sorts. Our North Dakota grown seed is much earlier than ordinary strains. Pkt., 5c;  $\frac{1}{4}$  lb., 18c;  $\frac{1}{2}$  lb., 21c; 1 lb., 35c postpaid. Not prepaid, 5 lbs., \$1.20; 10 lbs., \$2.20.

We like your seeds. My mother ordered her seeds from your Company for over 30 years. Your seeds have always grown and done well.—Myrtle Thompson, Box 354, American Falls, Idaho.

Had real good luck here at Duluth with your Sweet Corn last year when lots of other gardeners' corn was a failure. I think we ate Sweet Corn for three weeks or more.—Theo. Wagner, 5324 Juniata St., Duluth, Minn.

We got some large ruffled Spencer Sweet Pea Seed from you and I do wish you could see them, they are about 5 foot tall and just beautiful.—Erick Starren, Warroad, Minn., Box 193.



1 2 3 4 5 6 7 8 9

Early Fortune

**EARLY FORTUNE.** One of the best all around Cucumbers. Extra early, rich dark green in color, of perfect quality for slicing, uniform and well shaped for small pickles, it is disease resistant, a tremendous yielder, and retains its color and quality for a long time. The full grown Cucumbers are 8 inches long and 2½ inches through. Pkt., 8c; oz., 20c;  $\frac{1}{4}$  lb., 65c;  $\frac{1}{2}$  lb., \$1.10; 1 lb., \$2.00, postpaid.



Early Fortune (Pickling Size)

## CHICAGO PICKLING

Sturdy, vigorous, best adapted to unfavorable conditions and the most widely grown of all the pickling varieties. It is early and the rich dark green fruits are very uniform. Pkt., 8c; oz., 20c;  $\frac{1}{4}$  lb., 65c;  $\frac{1}{2}$  lb., \$1.10; 1 lb., \$2.00, postpaid.



Japanese Hulless

# LETTUCE

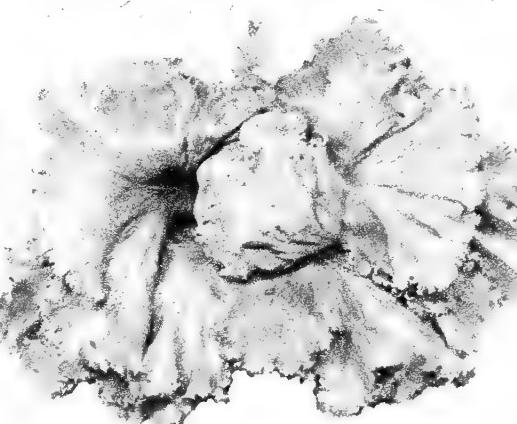
**Culture:** Sow as early in spring as ground can be worked, in rows not less than 15 inches apart, covering seed not over  $\frac{1}{2}$  inch deep. For succession, plant every three weeks. For best head lettuce, start indoors in early spring and transplant outside. One ounce for 200 feet of drill. About 2,000 seeds to the packet.

## HEADING VARIETIES

**GREAT LAKES.** All American Bronze Medal winner for 1944, developed by the Michigan Agricultural Experiment Station and the U. S. Department of Agriculture. This crisp, solid Iceberg Type produces in hot weather when others fail; is resistant to tip burn and slow to go to seed. Pkt., 10c; oz., 50c;  $\frac{1}{4}$  lb., \$1.80, postpaid.

**BLACK SEEDED TENNIS-BALL or SALAMANDER.** One of the surest heading sorts under all conditions. The heads are large, round, solid and of fine quality. The outer leaves are a clear medium green, broad and crumpled. Withstanding heat well, this is one of the surest heading sorts for the Northwest. Pkt., 10c; oz., 25c;  $\frac{1}{4}$  lb., 75c;  $\frac{1}{2}$  lb., \$1.30; 1 lb., \$2.40, postpaid.

**PARIS WHITE COS.** This is a distinct type of Lettuce with conical, rather tight, dark green head with smooth thick leaves. Blanches to a beautiful white inside, becoming exceedingly crisp and sweet. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 60c;  $\frac{1}{2}$  lb., \$1.00; 1 lb., \$1.85, postpaid.



Great Lakes



Improved Hanson

## IMPROVED HANSON or NONPAREIL

A very reliable, sure heading variety. The large, solid heads are of fine texture, rich and sweet flavored. The light green outer leaves are much crumpled and frilled. Improved Hanson withstands heat and drouth and is slow to go to seed. We recommend this variety. Pkt., 10c; oz., 25c;  $\frac{1}{4}$  lb., 75c;  $\frac{1}{2}$  lb., \$1.30; 1 lb., \$2.40, postpaid.

**MIGNONETTE.** The Earliest and Surest Heading Sort. Fine for Home Gardens. One of the hardest heading

of all Lettuces, the heads are quite small and the outer leaves are dark green shaded with brown. One of the most delicately flavored and tender of the crisp varieties, its earliness and quality make it one of the very best sorts for the home garden. Pkt., 10c; oz., 30c;  $\frac{1}{4}$  lb., 95c, postpaid.

**ICEBERG.** A home garden sort. The heads are large, solid, crisp, tender and green. The outer leaves are crumpled and blistered with brownish tinge along their borders. Pkt., 10c; oz., 25c;  $\frac{1}{4}$  lb., 75c;  $\frac{1}{2}$  lb., \$1.30; 1 lb., \$2.40, postpaid.

**MAY KING.** A very compact, early, butter heading variety. The outer leaves are light green tinged with brown at the edges. The heads are small, firm and of fine quality, with golden yellow inner leaves. Pkt., 10c; oz., 25c;  $\frac{1}{4}$  lb., 75c;  $\frac{1}{2}$  lb., \$1.30; 1 lb., \$2.40, postpaid.

**CRISP AS ICE or HARTFORD BRONZE HEAD.** A popular home garden variety, a buttery sureheader of delicate flavor and tender quality. The outer leaves are deep green overlaid with brown. In our trials, the compact, medium sized heads of this sort seem to withstand hot, dry weather better than any other sort. Pkt., 10c; oz., 28c;  $\frac{1}{4}$  lb., 85c;  $\frac{1}{2}$  lb., \$1.60; 1 lb., \$3.00, postpaid.

Mignonette

## HERBS:

**CARAWAY.** Grown for seeds which are used in flavoring. Pkt., 10c.

**CATNIP.** Leaves used for seasoning. Plant this and make

your cat happy. Pkt., 10c.

**DILL.** The stalks and seeds are used for pickling cucumbers. Pkt., 5c; oz., 12c;  $\frac{1}{4}$  lb., 35c; 1 lb., \$1.10.

**MUSTARD.** Fordhook Fancy, Foliage used for greens. Pkt., 5c; oz., 15c.

**SAGE—Broad Leaved.** The leaves, either fresh or dry, are used as seasoning in many ways. Pkt., 10c; oz., 75c.

**SUMMER SAVORY.** Leaves and flowers flavor soups and dressings. Pkt., 10c.

**SWEET MARJORAM.** Leaves and shoot flavor soups and dressings. Pkt., 10c.



Dill



New York Lettuce

**Imperial No. 847.** Originated by Dr. Jagger of the U. S. Department of Agriculture, it is blight resistant and withstands heat and tip burn. Black seeded. Pkt., 10c; oz., 29c;  $\frac{1}{4}$  lb., 85c;  $\frac{1}{2}$  lb., \$1.50; 1 lb., \$2.80, postpaid.

## MORE HEAD LETTUCE

### NEW YORK or WONDERFUL

The outstanding heading type—known in all markets. A large, round, solid, heavy heading Lettuce with rich dark green outer leaves. We offer two types:

**New York No. 515.** The earliest and surest heading. White seeded. Pkt., 10c; oz., 29c;  $\frac{1}{4}$  lb., 85c;  $\frac{1}{2}$  lb., \$1.50; 1 lb., \$2.80, postpaid.

## CURLED or LOOSE HEAD VARIETIES

**SLOBOLT** (See page 3 for illustration.) A new, curled, leaf variety developed by the U. S. Department of Agriculture, of high quality and very slow to bolt to seed. A splendid home garden sort. Pkt., 15c;  $\frac{1}{2}$  oz., 30c; oz., 50c.

### EARLY CURLED SIMPSON—WHITE SEEDED.

**Early, Hardy, and Dependable**, probably our best Leaf Lettuce. The plants are large, but compact. The broad leaves are a bright lustrous green, much crumpled and frilled, crisp, tender and sweet. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 60c;  $\frac{1}{2}$  lb., \$1.00; 1 lb., \$1.85, postpaid.

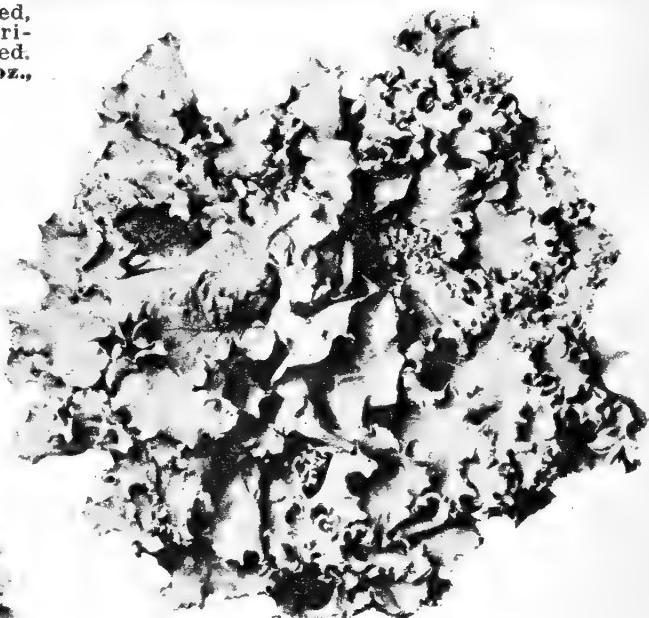


Prizehead

**PRIZEHEAD.** An easily grown variety and fine for the home garden. Early, compact in growth and stands heat. The inner leaves are much crumpled and frilled, bright green, with outer foliage tinged with brownish red, and very crisp and tender. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 60c;  $\frac{1}{2}$  lb., \$1.00; 1 lb., \$1.85, postpaid.

**BLACK SEEDED SIMPSON.** A popular quick growing, large crisp sort. The light, yellowish green leaves are frilled and crumpled, of excellent quality. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 60c;  $\frac{1}{2}$  lb., \$1.00; 1 lb., \$1.85, postpaid.

**OAK LEAF.** An attractive and distinctive, deep green, semi-heading sort, long standing and of superior flavor. Pkt., 10c; oz., 27c;  $\frac{1}{4}$  lb., 80c, postpaid.



Early Curled Simpson

**GRAND RAPIDS.** Very tender, quick growing, and fine for early planting. The crisp, curled leaves are light green, blistered and crumpled, with heavily fringed borders. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 60c;  $\frac{1}{2}$  lb., \$1.00; 1 lb., \$1.85, postpaid.



Oak Leaf

# Your Choice of Hot or Sweet PEPPERS

**Culture:** Sow seed indoors or in hotbed in March, transplanting before setting in the garden the last of May. Set in rows about  $2\frac{1}{2}$  feet apart and about 18 inches apart in the row. About 200 seeds to the packet. Our Pepper Seed is treated to promote germination and prevent seed borne diseases.

## HARRIS EARLY GIANT.



Early California Wonder

**The Earliest Large Sweet Pepper.** The plants are vigorous and very productive. The Peppers average  $4\frac{1}{2}$  inches long and  $3\frac{1}{2}$  inches through, dark green, turning to brilliant red. The flesh is thick, meaty and mild. Pkt., 10c;  $\frac{1}{2}$  oz., 35c; oz., 60c;  $\frac{1}{4}$  lb., \$2.05, postpaid.



King of the North

## KING OF THE NORTH.

An early heavy yielding, very large pepper, 6 inches long and 4 inches across, but little later than Harris Early Giant. The dark green skin turns to rich red when ripe and the flesh is medium thick, firm and mild. Pkt., 10c;  $\frac{1}{2}$  oz., 35c; oz., 60c;  $\frac{1}{4}$  lb., \$2.05.

**EARLY CALIFORNIA WONDER.** The high quality fruits of this early sort are good sized, blocky, smooth, mild and sweet; a bright crimson as they ripen. Pkt., 10c; oz., 55c;  $\frac{1}{4}$  lb., \$2.00, postpaid.

**TOMATO-SQUASH or SUNNYBROOK.** The fruits are Tomato shaped, about 2 inches in diameter, with very thick and extremely mild flesh. The deep green fruits ripen to a bright red. Can be used in every way as a Pimiento Pepper. Pkt., 10c; oz., 45c.

**RUBY KING.** One of the most dependable and satisfactory mild varieties for both home and market gardens. Pkt., 10c; oz., 45c.

**RED CAYENNE.** Long, red hot. Pkt., 10c; oz., 45c.

**Pepper and Celery  
PLANTS  
On Page 58**



Golden Plume

## CELERY

**Culture:** For early planting sow indoors in February or March. One-eighth inch of soil to cover seed is sufficient. Transplant indoors and set outside in late May, in rows 3 feet apart and 6 inches apart in the row. Celery requires enough water at all times so that its growth is not checked. Soil or boards may be used to blanch the stalks.

## GOLDEN PLUME or WONDERFUL. N. O. 4-16-2

**The Best of the Self Blanching Sorts,** early, large and vigorous. The plants are sturdy and compact, resistant to blight and rust, with heavy stalks and full hearts of excellent quality, blanching readily. Pkt., 15c;  $\frac{1}{2}$  oz., 45c; oz., 85c;  $\frac{1}{4}$  lb., \$3.00, postpaid.

**UTAH or SALT LAKE No. 99.** The best green celery. Large, broad stalks with well developed heart, a good keeper, of fine nutty flavor. Largely used when green, but blanches quicker than most green sorts to a crisp pure white. Pkt., 10c; oz., 70c;  $\frac{1}{4}$  lb., \$2.15, postpaid.

**GOLDEN SELF BLANCHING.** Dwarf Strain. Very popular because of earliness and ease of blanching. The stalks are thick, solid and sweet, blanching to a golden yellow. This is a fine home garden variety. Pkt., 15c;  $\frac{1}{2}$  oz., 45c; oz., 85c;  $\frac{1}{4}$  lb., \$3.00, postpaid.

**WINTER QUEEN.** A very solid and crisp variety with double the amount of heart of any known celery. One of the very best keeping varieties. Pkt., 10c; oz., 75c;  $\frac{1}{4}$  lb., \$2.35, postpaid.

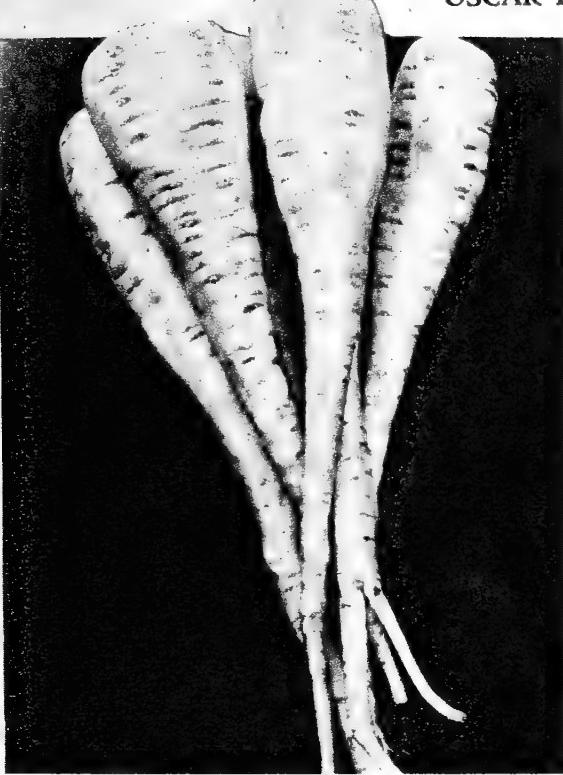
**GIANT PASCAL.** A compact, vigorous sort, a good keeper and one of the best varieties for Fall and Winter. Pkt., 10c; oz., 70c;  $\frac{1}{4}$  lb., \$2.15, postpaid.

## CELERIAC OR TURNIP-ROOTED CELERY—GIANT

**PRAGUE.** This is a celery of which only the root is used. Should be planted like other celery, but need not be banked. An excellent vegetable for use in soups, stews and sauces, as it imparts a delicious flavor. Is good boiled separately. Pkt., 10c; oz., 70c;  $\frac{1}{4}$  lb., \$2.15, postpaid.



Celeriac or Turnip-Rooted Celery



Improved Guernsey Parsnip

**EARLY CHEYENNE. The One Pie Pumpkin.**

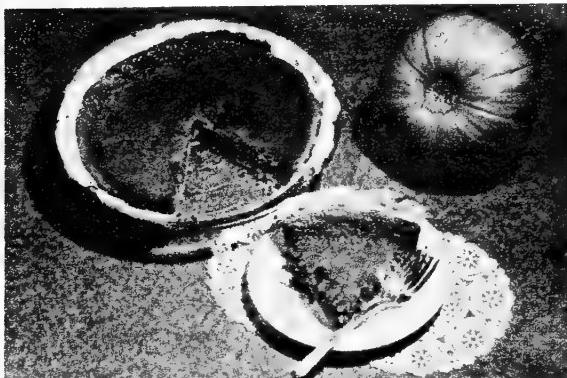
A very early, small, orange Pumpkin developed at the U. S. Great Plains Field Station, U.S. Department of Agriculture, at Cheyenne, Wyo. Thick meated, solid and uniform, of highest quality, this is about two weeks earlier than Sweet Sugar. Pkt., 8c; oz., 16c;  $\frac{1}{4}$  lb., 55c;  $\frac{1}{2}$  lb., 95c; 1 lb., \$1.75, postpaid.

**CHEYENNE BUSH.** Highly productive, bush type plants with extra early, fine quality, orange fleshed pumpkins. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 65c, postpaid.

**CONNECTICUT FIELD or BIG TOM.** A solid, oblong, orange Pumpkin more planted with corn than any other variety and a heavy yielder. Pkt., 8c; oz., 16c;  $\frac{1}{4}$  lb., 55c;  $\frac{1}{2}$  lb., 95c; 1 lb., \$1.75, postpaid.

**OMAHA.** A very early, oblong, orange, thick meated sort. This is a selection from seed obtained through Dr. Melvin Gilmore from the Omaha Indians. Of fair quality, its earliness is its outstanding characteristic and fits it for areas where Pumpkins could not otherwise be grown. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 60c, postpaid.

**FORT BERTHOLD.** The earliest Pumpkin, small, flattened and of good quality. Developed from seed obtained from the Mandan and Arikara Indians, it is very hardy. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 60c, postpaid.



Early Cheyenne

# PARSNIPS

**Culture.** Sow as early in spring as possible, in rows not less than 18 inches apart and about  $\frac{1}{2}$  inch deep. The ground should be deeply plowed and well cultivated. Thin to 4 inches apart in the row as soon as the plants are well started. A freeze improves the quality of the roots. About 1200 seeds to the packet. One ounce for 200 feet of drill; 4 to 5 pounds per acre.

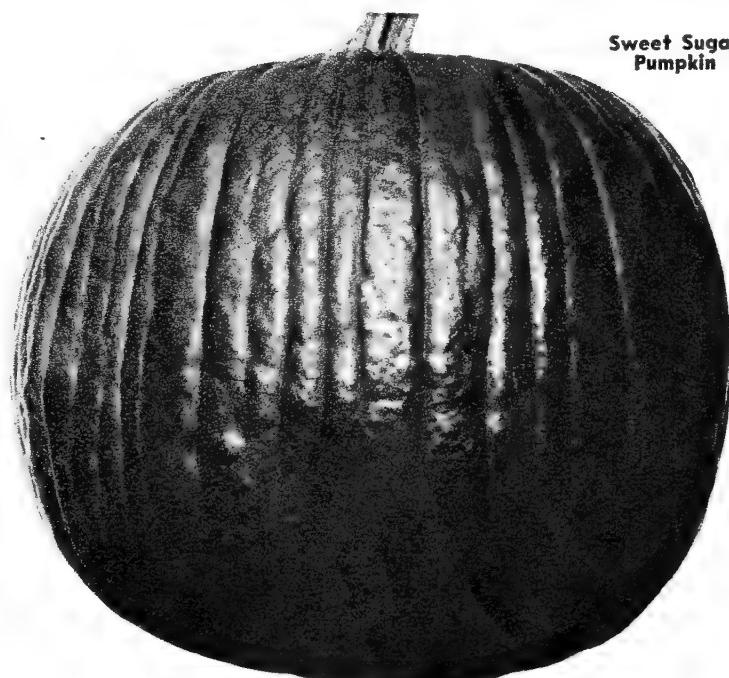
**SHORT THICK.** The earliest Parsnip. Three inches thick at the shoulder and from 6 to 8 inches long, this fine quality sort is nearly a month earlier than any larger variety. Pkt., 5c; oz., 13c;  $\frac{1}{4}$  lb., 40c;  $\frac{1}{2}$  lb., 70c; 1 lb., \$1.25, postpaid.

**IMPROVED GUERNSEY or HOLLOW CROWN.**

The best for general cultivation and a heavy yielder. About 3 inches thick at the shoulder and from 12 to 15 inches long, the smooth roots are fine grained, tender and sugary. Pkt., 5c; oz., 12c;  $\frac{1}{4}$  lb., 35c;  $\frac{1}{2}$  lb., 60c; 1 lb., \$1.00, postpaid.

# PUMPKINS

**Culture.** Plant in hills 6 to 8 feet apart, with 5 to 6 seeds in the hill, when the ground has become warm and the weather favorable, giving same cultivation as to melons. About 40 seeds to the packet. One ounce to 30 hills; 3 to 4 pounds per acre.



Sweet Sugar Pumpkin

**SWEET SUGAR or NEW ENGLAND PIE.**

The Best Pie Pumpkin, earliest and best of the standard sorts and by far the sweetest. The pumpkins are round, slightly flattened, weighing 6 to 8 pounds apiece. The skin is a deep orange and the orange yellow flesh is thick, dry, fine grained and sweet. This is a very good keeper. Pkt., 8c; oz., 15c;  $\frac{1}{4}$  lb., 50c;  $\frac{1}{2}$  lb., 85c; 1 lb., \$1.50, postpaid.

**KING OF MAMMOTHS.** The giant among Pumpkins, weighing as high as 150 lbs. A bright golden yellow, fine grained and excellent for cooking. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 65c;  $\frac{1}{2}$  lb., \$1.20; 1 lb., \$2.25, postpaid.

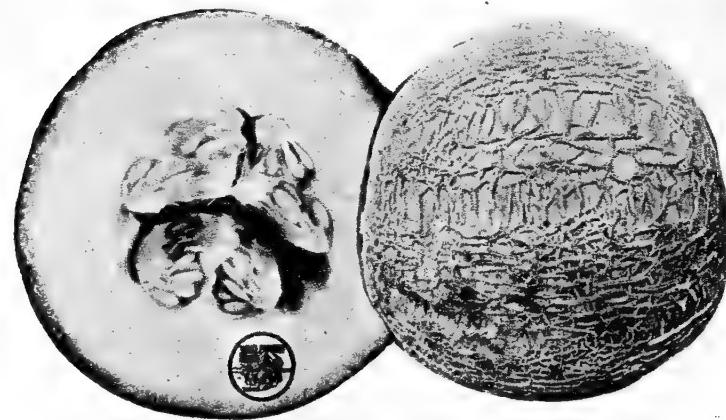
# Early MUSKMELONS Hardy

**Culture.** When the ground has become warm, plant in hills about 5 feet apart each way, 8 to 12 seeds to the hill. When danger of insects is past, thin to 3 or 4 plants to the hill. Cultivate thoroughly throughout the season, not to exceed 2 inches deep. One ounce of seed to 75 hills; 2 to 3 pounds to the acre. About 125 seeds to the packet.

**EXTRA EARLY OSAGE.** One of the earliest salm-on fleshed varieties of quality and one of the best sorts grown. The oval fruit is dark green, slightly ribbed and gray netted, and is from a week to ten days earlier than the old Osage. The flesh is a rich orange-salmon, very thick, juicy and sweet, of very high quality. A grand sort for northwestern conditions; ideal for the home garden and a money maker for the market gardener. Pkt., 10c; oz., 25c;  $\frac{1}{4}$  lb., 75c;  $\frac{1}{2}$  lb., \$1.25; 1 lb., \$2.25, postpaid.



Extra Early Osage



Sugar Rock or Honey Rock

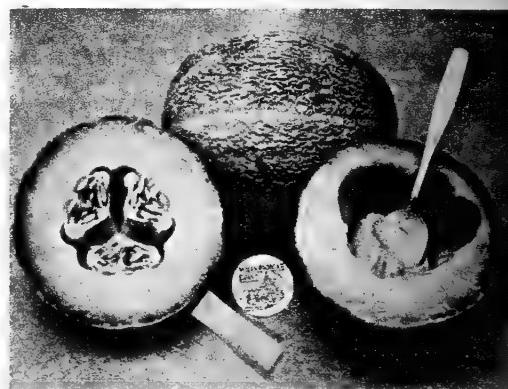
**EXTRA EARLY KNIGHT.** The best green fleshed Muskmelon, medium sized, oval, distinctly ribbed and well netted. The flesh is fairly thick, juicy and very sweet, a medium green blending to a light pink near the center. We consider this productive sort one of the best for the Northwest. Pkt., 10c; oz., 25c;  $\frac{1}{4}$  lb., 75c;  $\frac{1}{2}$  lb., \$1.25; 1 lb., \$2.25, postpaid.

**EMERALD GEM.** An extremely early sort. The fruit is a rich emerald-green. It is globular in shape and irregularly ribbed. The flesh is very thick, salmon colored, sweet and luscious. The vines are hardy and very prolific. One of the best Melons for home garden and local market. Pkt., 10c; oz., 25c;  $\frac{1}{4}$  lb., 75c;  $\frac{1}{2}$  lb., \$1.25; 1 lb., \$2.25, postpaid.

**SUGAR ROCK or HONEY ROCK.** This is one of the most delicious melons and very productive. The medium-sized, round, heavily netted Melons are of uniformly fine quality with very thick, sweet, orange flesh. The most profitable market variety.

**DAKOTA STRAIN.** Our own selection of this fine Melon and a week to ten days earlier than the standard with equal yield and quality. Pkt., 10c; oz., 30c;  $\frac{1}{4}$  lb., 95c, postpaid.

**STANDARD STOCK.** Pkt., 10c; oz., 25c;  $\frac{1}{4}$  lb., 75c;  $\frac{1}{2}$  lb., \$1.25; 1 lb., \$2.25, postpaid.



Extra Early Knight

Oro Blanco



## ORO BLANCO.

A Persian or Casaba type Melon that will mature in the North. About five inches in diameter with golden skin, the white fleshed melons are delicious when dead ripe. Pkt., 10c; oz., 25c;  $\frac{1}{4}$  lb., 75c, postpaid.

**RLY TYE.** A very early melon, oval, medium sized, ribbed and somewhat netted, the orange flesh is thick and of fair quality. A good hardy and prolific home garden melon for the Northwest. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 50c;  $\frac{1}{2}$  lb., 95c; 1 lb., \$1.75, postpaid.

**ORMAN ROSS.** A large, early, orange fleshed netted melon developed at the Canadian Experiment Station at Indian Head, Sask. Pkt., 10c; oz., 30c.

## MUSKMELONS

**HALE'S BEST.** The Earliest and Best of the Rockyford Type. The medium sized, nearly round melons are heavily netted. The deep orange flesh is very thick and of rich flavor. Pkt., 8c; oz., 20c;  $\frac{1}{4}$  lb., 65c;  $\frac{1}{2}$  lb., \$1.10; 1 lb., \$2.00, postpaid.

### LAKE CHAMPLAIN or GOLD-

**EN CHAMPLAIN.** A very early variety, medium sized, round, heavily netted and moderately ribbed, with thick spicy orange flesh. A heavy yielding quality melon for home and market garden.

**CHIPMAN'S STRAIN.** Ten days earlier than the standard Lake Champlain and the earliest melon of good quality; developed by the late George F. Chipman, for many years editor of the Country Guide of Winnipeg, Canada. Pkt., 10c, postpaid.

**STANDARD STOCK.** Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 65c;  $\frac{1}{2}$  lb., \$1.10; 1 lb., \$2.00, postpaid.



Lake Champlain—Chipman Strain

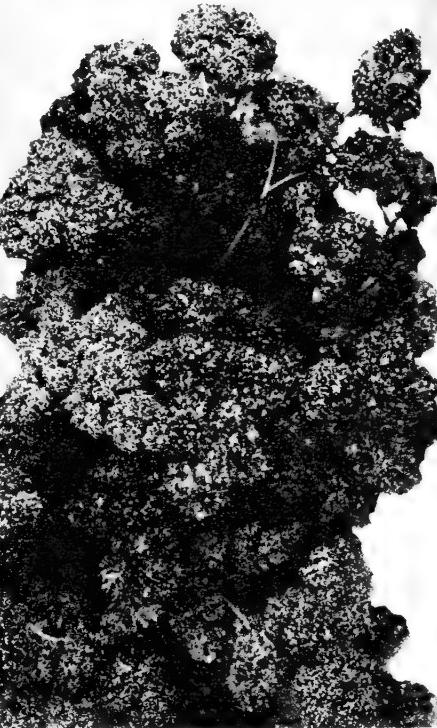
## PARSLEY

**CULTURE.** Soak the seeds a few hours in luke-warm water and sow early in spring in drills at least one foot apart, covering the seed not more than one-half inch. It is rather slow to germinate. About 2,000 seeds to the packet.

**PARAMOUNT.** A very uniform variety with tightly and finely curled leaves of unusually rich dark green. This is an outstanding sort. Pkt., 7c; oz., 20c;  $\frac{1}{4}$  lb., 50c; 1 lb., \$1.50, postpaid.

**CHAMPION MOSS CURLED.** Leaves beautifully curled, mosslike, of the richest green. Pkt., 7c; oz., 20c;  $\frac{1}{4}$  lb., 50c; 1 lb., \$1.50, postpaid.

**TURNIP ROOTED.** The roots, instead of the tops, are used for soups and flavoring meats, gives richer flavor. Pkt., 7c; oz., 20c;  $\frac{1}{4}$  lb., 50c, postpaid.



Moss Curled Parsley



Wazu

**WAZU (Hailstone).** (See inside front cover for colored picture.) Small, solid, thick meated, orange fleshed melon of exceptionally high quality. One of the best melons we have. Pkt., 10c; oz., 30c;  $\frac{1}{4}$  lb., 95c, postpaid.

**GOLDEN GOPHER.** A smooth, ribbed, oval, wilt resistant sort introduced by the Minnesota Experiment Station. The brilliant orange flesh is of soft texture and high sugar content. Pkt., 10c; oz., 25c;  $\frac{1}{4}$  lb., 75c, postpaid.

**VINE PEACH (Vegetable Orange or Mango Melon).** This prolific fruit is the size of a medium orange, and is used for sweet pickles, preserves and pies. When cooked it is used in every way as a peach. Pkt., 10c; oz., 30c;  $\frac{1}{4}$  lb., 95c, postpaid.

## RHUBARB OR PIEPLANT

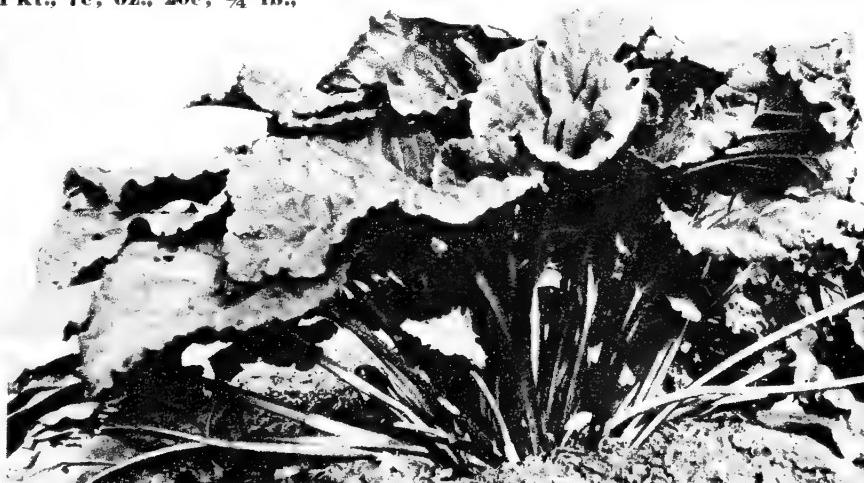
**MONARCH.** Ours is a good strain of long service and a standard sort. The leaf stalks are numerous, from 15 to 30 inches long and full 2 inches wide. They are tender, fine of flavor and excellent for preserving. About 250 seeds to packet. Pkt., 7c; oz., 20c;  $\frac{1}{4}$  lb., 50c; 1 lb., \$1.50.

## ROOTS

**McDONALD.** Very large and prolific, with few seed stalks, this makes fine flavored pink sauce. Each, 35c; doz., \$3.50. Postpaid, each, 45c; doz., \$4.50.

**CANADA RED.** Developed by the late Canadian plant breeder, G. F. Chipman. One of the best sorts, seedless with stems dark red clear to the heart. Produces the most beautiful red sauce. Each, 90c; 5, \$4.25. Postpaid, each, \$1.00; 5, \$4.50.

**VALENTINE.** A new and very fine Canadian sort. The stalks are dark red throughout and make sauce of attractive quality and red color. Each, \$2.15, postpaid.



# Will's Early WATERMELONS

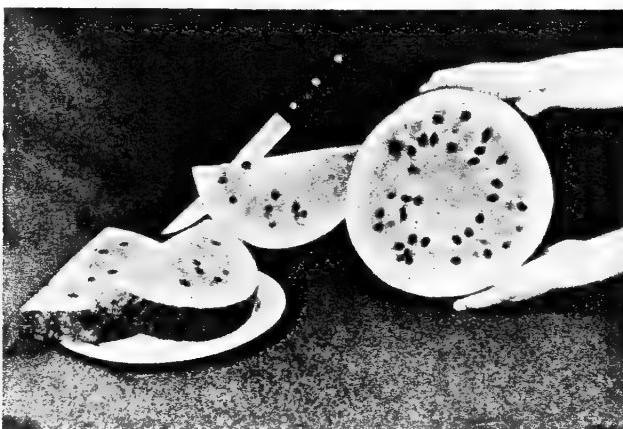
**CULTURE.** When the ground has become warm, plant in hills 8 or 10 feet apart each way, 6 to 12 seeds in a hill; when danger of insects is past, pull out all but three or four of the largest plants. Cultivate thoroughly, about two inches deep, until the vines cover the ground. One ounce of seed for 30 hills; 3 to 5 pounds per acre.

## RED RUSSIAN-EARLY KANSAS or RED HUTCHINSON.

A large, nearly round, early melon weighing up to 40 pounds. The skin is dark green with lighter striping, and the bright scarlet flesh is delicious. Pkt., 8c; oz., 18c;  $\frac{1}{4}$  lb., 50c;  $\frac{1}{2}$  lb., 90c; 1 lb., \$1.60, postpaid.

**GOLDEN HONEY OR GOLDEN SWEET.** A nearly round, medium sized melon, light green with darker green stripes. The crisp, delicious flesh is amber yellow. Pkt., 10c; oz., 25c.

Will's Sugar Watermelon

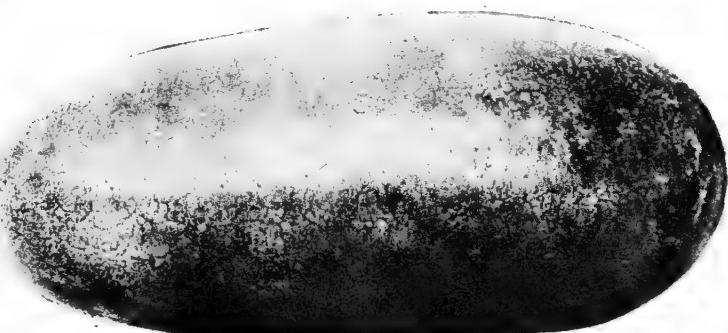


**WILL'S SUGAR.** Introduced by us over fifty years ago. Extra early, hardy and highly productive, this is one of the sweetest Watermelons grown. Pkt., 10c; oz., 30c, postpaid.

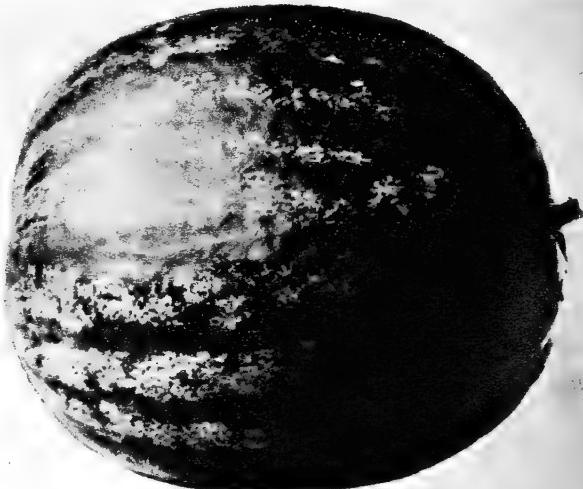
**KLONDIKE-STRIPED NO. 11.** Large, thick oblong melon, with deep red flesh of remarkable flavor —one of the very highest sugar contents of any commercial watermelon. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 60c;  $\frac{1}{2}$  lb., \$1.10; 1 lb., \$2.00, postpaid.

**ARIKARA.** The Earliest Watermelon. A sure and prolific producer of small Melons running from 7 to 12 inches in diameter with almost black skin. The pink flesh is sweet and pleasant, somewhat coarse and of fair quality. If you have trouble raising ripe Watermelons, try this one. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 60c, postpaid.

**CITRON.** (Red Seeded.) A round, handsome fruit of small size, with white, solid flesh; it is used in making sweetmeats and preserves. Ours is the old standard strain. Pkt., 8c; oz., 18c;  $\frac{1}{4}$  lb., 50c;  $\frac{1}{2}$  lb., 90c; 1 lb., \$1.60, postpaid.



Kleckley Sweets



Cole's Early

**COLE'S EARLY.** One of the earliest and best, hardy, vigorous and a sure cropper. The blocky, oval Melons are medium sized with alternate dark and lighter green stripes. The delicious quality of the bright red flesh is sustained clear to the thin rind. This is one of the best sorts for northern gardens. Pkt., 8c; oz., 18c;  $\frac{1}{4}$  lb., 50c;  $\frac{1}{2}$  lb., 90c; 1 lb., \$1.60, postpaid.



Winter Queen

**WINTER QUEEN.** A high quality, heavy yielder of medium size, round white skinned Melons with clear bright red flesh and black seeds. Fine at maturity, if stored in a cool, dry place will keep until Christmas. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 60c;  $\frac{1}{2}$  lb., \$1.10; 1 lb., \$2.00, postpaid.

**KLECKLEY SWEET or MONTE CRISTO.** One of the sweetest Watermelons, medium early, cylindrical, and tapering slightly toward the stem end, the Melons weigh up to 40 pounds. The skin is a very dark green and the rind is thin and tender. The flesh is bright red, crisp and very sweet. Pkt., 8c; oz., 18c;  $\frac{1}{4}$  lb., 50c;  $\frac{1}{2}$  lb., 90c; 1 lb., \$1.60, postpaid.

I bought seed of you years ago and have always said they were the best ever.—Mrs. Mac L. Demond, Hart, Mich.

# WATERMELON DAKOTA SWEET

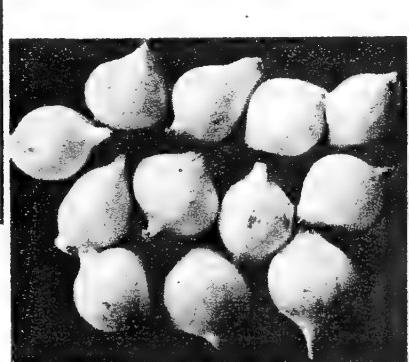
## Early—Hardy—Fine Quality

If there is any better melon for the Northwest, we haven't seen it. Of Russian origin, its outstanding qualities caught the eyes of Professor A. F. Yeager. Similar to Northern Sweet. The melons weigh from 9 to 14 pounds; the thin rind is medium green with darker stripes; and the flesh is bright red, crisp and very sweet. A heavy cropper and very early, ripening in 9 to 10 weeks. Melons should be picked as soon as ripe. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 60c;  $\frac{1}{2}$  lb., \$1.10; 1 lb., \$2.00, postpaid.



Dakota Sweet Watermelon

**BUZA RED WINTER.** Small, round, fine keeping, light green striped melon with fine quality red flesh. Originally from Poland and very early. Pkt., 10c; oz., 25c, postpaid.



**YELLOW BOTTOM ONION SETS.** Fine for green Onions, these are surer to form large Onions than any other sets.

The quality is superior and the yield is larger. 1 lb., 29c; 4 lbs., 80c, postpaid. Not prepaid, peck, \$1.00; bushel, \$3.40.

**RED BOTTOM SETS.** Fine, well cured sets. 1 lb., 29c; 4 lbs., 80c, postpaid. Not prepaid, peck, \$1.00; bushel, \$3.40.

**TOP or WINTER ONION SETS.** Perennial. Live in the ground all winter and start very early in the spring. 28 lbs. to the bushel. 1 lb., 35c, postpaid.

**MULTIPLIER ONIONS.** Also called Bunch Onions or Potato Onions, and very mild. Excellent for early spring Onions. 1 lb., 35c, postpaid.



Looking down on a 3-ton truckload of Dakota Sweets from our nursery

## ONION SETS

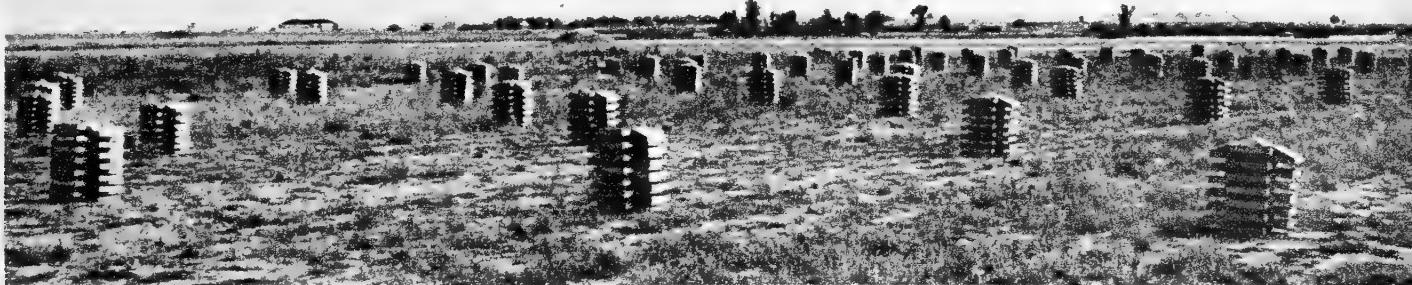
Write for prices on lots larger than those listed

A planting of sets for green onions, delicious early boilers or fine bulbs for winter should be in every garden. We grow our own Bottom Onion Sets at Bismarck. One pound to 60 feet of row. Unless otherwise instructed, we shall hold Onion Sets until danger of freezing in transit is past. A bushel of Onion Sets is 32 lbs., except with Top Sets, which are 28 lbs. to the bushel. Price  $\frac{1}{2}$  peck and over, subject to change.

Onion Set prices are for March delivery or later.

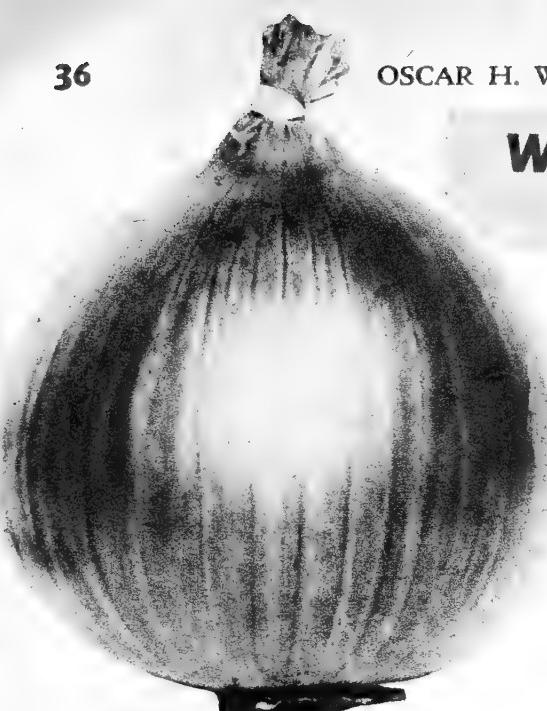
## GARLIC

**BAVARIAN.** Lb., 55c; 5 lbs., \$2.20, postpaid.



Part of 2000 Bushels Yellow Onion Sets curing in our field, August 1946.

# WILL'S PIONEER BRAND ONION SEED



Early Yellow Globe

**EARLY YELLOW GLOBE.** A large, globe shaped Onion of attractive deep yellow color and mild flavor. **Ten days to two weeks earlier than Will's Dakota Globe,** it is a heavy cropper and a good winter keeper. Pkt., 10c;  $\frac{1}{2}$  oz., 30c; oz., 50c;  $\frac{1}{4}$  lb., \$1.25;  $\frac{1}{2}$  lb., \$2.30; 1 lb., \$4.40, postpaid. Not prepaid, 5 lbs., \$21.00.

Mrs. Leo Petesch  
Geysér, Mont.

We had the most wonderful garden this year. I had water for the first time in years, as we had an artesian well drilled last spring and with the seeds we received from you we really got results.

You may be sure I will be awaiting my catalog next Spring.

**SOUTHPORT WHITE GLOBE.** This attractive, pure white, thin-skinned globe Onion commands the highest market price. Our selected strain keeps well, is firm and fine-grained. Pkt., 10c; oz., 55c;  $\frac{1}{4}$  lb., \$1.55;  $\frac{1}{2}$  lb., \$2.85; 1 lb., \$5.40, postpaid. Not prepaid, 5 lbs., \$26.00.

For Onion Sets See Page 35



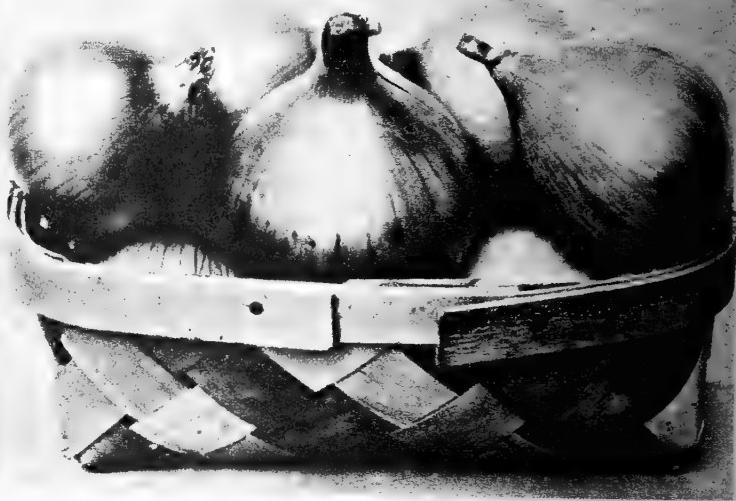
Onion Plants

**Culture:** Sow as early in spring as ground can be worked, in rows not less than 15 inches apart, covering  $\frac{1}{2}$  inch deep. One ounce for 300 feet of row, 4 to 5 pounds to the acre.

## MONTANA WHITE PORTUGAL or SIL- VERSKIN.

**VERS SKIN.** **The All Around Onion.** The most widely used white Onion. Medium sized, flat, hard and fine grained Onion of fairly mild flavor and clear white skin. It is popular for sets, picklers, green bunching and for fall and early winter use. Our seed has been grown for us by the same Montana grower for many years and is of exceptionally high germination and purity. Pkt., 10c; oz., 53c;  $\frac{1}{4}$  lb., \$1.45;  $\frac{1}{2}$  lb., \$2.65; 1 lb., \$5.00, postpaid. Not prepaid, 5 lbs., \$24.00.

**EARLY GRANO-BABOSA.** An extra early, medium large, straw colored Onion of mild flavor and Sweet Spanish quality, desirable for early market. Pkt., 15c; oz., 65c;  $\frac{1}{4}$  lb., \$2.20;  $\frac{1}{2}$  lb., \$4.20; 1 lb., \$8.00, postpaid.



Yellow Globe Danvers

## YELLOW GLOBE DANVERS.

This is a standard variety for winter use

in all markets. Its skin is a rich orange-yellow; the flesh is pure white, crisp and mild in flavor. It is a dependably heavy yielder and because of its small neck cures well and makes splendid storage stock. Pkt., 10c; oz., 50c;  $\frac{1}{4}$  lb., \$1.25;  $\frac{1}{2}$  lb., \$2.30; 1 lb., \$4.40, postpaid. Not prepaid, 5 lbs., \$21.00.

## ONION PLANTS

### SWEET SPANISH.

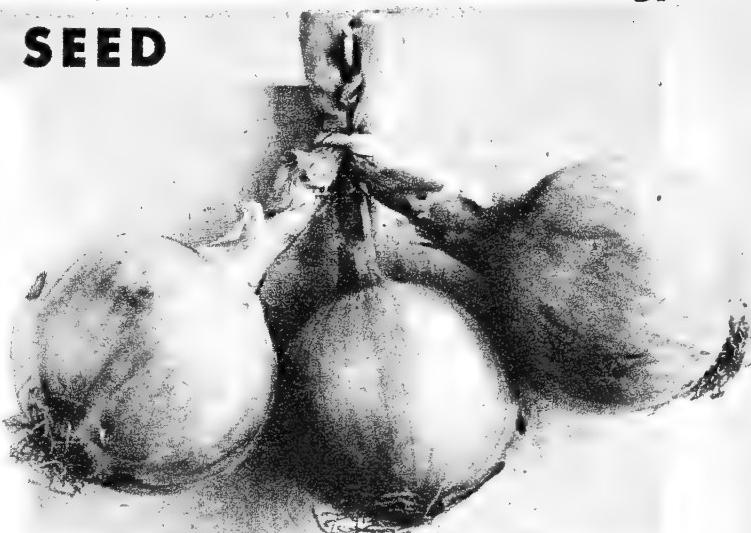
The best variety for our needs. Sown early in milder sections and plants lifted to produce Onions of Bermuda quality in northern gardens. We include cultural directions with each purchase. We offer Onion Plants by the bunch only. They are pulled by the handful or bunch. The number per bunch usually runs between 55 and 125 depending largely on the size of the plants. The count varies considerably and we cannot specify the number of plants in a bunch. Ask for prices on crate lots—60 Bunches to the crate. Bunch, 35c; 2 Bunches, 60c; 5 Bunches, \$1.30; 10 Bunches, \$2.25, postpaid.

# WILL'S ONION SEED

## WILL'S DAKOTA GLOBE. The Money Mak-

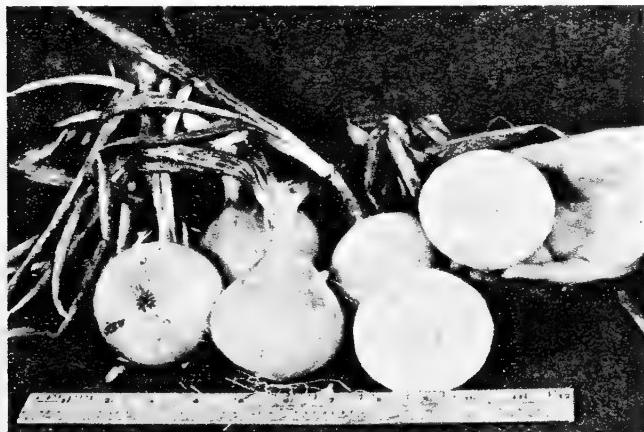
ing Onion. We believe this to be the best strain of Southport Yellow Globe, the most popular and most largely grown yellow Onion. It is early, productive, uniform in its rich yellow color, small necked and an exceptionally fine keeper. The creamy white flesh is fine grained, crisp, fairly mild and of excellent flavor. One of the best sorts for the Northwest. Pkt., 10c; oz., 40c;  $\frac{1}{4}$  lb., \$1.10;  $\frac{1}{2}$  lb., \$2.15; 1 lb., \$4.00, postpaid. Not prepaid, 5 lbs., \$19.00.

**AUSTRALIAN BROWN.** Very early and a wonderful keeper. A heavy yielder and a sure cropper, the Onions are of medium size, slightly flattened, with reddish brown skin and crisp, white flesh. The flavor is rather strong. This is a desirable home garden variety. Pkt., 10c; oz., 50c;  $\frac{1}{4}$  lb., \$1.25;  $\frac{1}{2}$  lb., \$2.80; 1 lb., \$4.40, postpaid. Not prepaid, 5 lbs., \$21.00.



Will's Dakota Globe

**PRIZETAKER.** One of the largest and mildest onions grown. It is productive and a sure cropper. The thin skin is a bright straw-yellow and the flesh is pure white. Our strain grows always to a perfect globe shape, the bulbs sometimes attaining a weight of 2 pounds. Pkt., 10c; oz., 55c;  $\frac{1}{4}$  lb., \$1.55;  $\frac{1}{2}$  lb., \$2.85; 1 lb., \$5.40, postpaid. Not prepaid, 5 lbs., \$26.00.



Sweet Spanish-Utah Strain

**SWEET BERMUDA.** A medium size Onion, flat, very early and in no sense a keeper. The skin is a light straw color and the soft, white, crisp flesh is very mild and sweet. Pkt., 10c; oz., 50c;  $\frac{1}{4}$  lb., \$1.25;  $\frac{1}{2}$  lb., \$2.25; 1 lb., \$4.25, postpaid. Not prepaid, 5 lbs., \$20.25.

Onion  
Sets  
on  
Page 35

**EBENEZER.** A dark yellow, flattened, medium sized Onion, mild and tender. Readily grown from seed, it is used mainly for producing superior Onion sets. Pkt., 10c; oz., 40c;  $\frac{1}{4}$  lb., \$1.20;  $\frac{1}{2}$  lb., \$2.15; 1 lb., \$4.00, postpaid. Not prepaid, 5 lbs., \$19.00.

**WELSH WINTER** (Perennial). Plant this variety to get the earliest green onions. Seed may be sown either in Spring or Fall. This variety does not make large bulbs but is used only for green onions. The plants are perennial, live in the ground for years, and are absolutely hardy. This is a money-maker for the market gardener. Pkt., 10c; oz., 60c.



Prizetaker

## WILL'S CHOICEST GARDEN PEAS



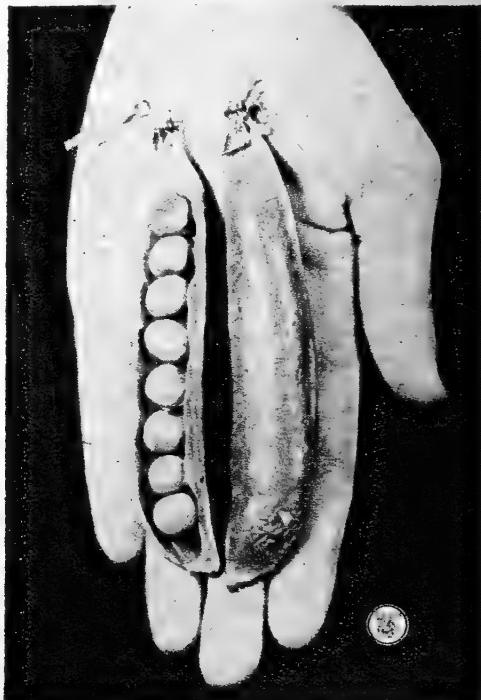
First of All



World's Record

### WORLD'S RECORD or IMPROVED GRADUS

This is one of the earliest of the wrinkled seeded, large-podded varieties. The vines are from 2 to 2½ feet tall, produce abundantly and bear throughout the season. The pods are 4 inches long, containing from 7 to 9 large deep green Peas. It is the market gardener's favorite.  $\frac{1}{4}$  lb., 15c;  $\frac{1}{2}$  lb., 27c; 1 lb., 45c, postpaid. Not prepaid, 5 lbs., \$1.40; 10 lbs., \$2.70; 20 lbs., \$5.20; 100 lbs., \$23.00.



Little Marvel



Alaska

### ALASKA

This standard hardy and early smooth seeded variety is much used for canning and home gardening. The vines grow 30 inches tall. The light green pods are 2½ inches long, square ended and contain from 5 to 8 Peas to the pod.  $\frac{1}{4}$  lb., 13c;  $\frac{1}{2}$  lb., 22c; 1 lb., 32c, postpaid. Not prepaid, 5 lbs., \$1.15; 10 lbs., \$2.20; 20 lbs., \$4.20; 100 lbs., \$16.00.

### LITTLE MARVEL

One of the earliest of the wrinkled seeded sorts and one of the best and most satisfactory for the home garden because of its exceptional quality and yield. Remains in prime picking condition a week longer than most sorts. The vines are 18 inches high. The dark green, blunt ended 3 inch pods contain from 7 to 8 dark green peas, very tender and sweet.  $\frac{1}{4}$  lb., 15c;  $\frac{1}{2}$  lb., 26c; 1 lb., 42c, postpaid. Not prepaid, 5 lbs., \$1.30; 10 lbs., \$2.50; 20 lbs., \$4.80; 100 lbs., \$21.00.

**NITRAGIN** Garden Size, will treat up to 6 lbs. Price postpaid.

**12c**

**Culture:** Sow early in spring in rows not less than 20 in. apart, covering 1½ to 2 inches deep. The smooth seeded sort, of which we list First of All and Alaska, will stand earlier seeding than the wrinkled seeded varieties. For freezing, plant Alderman, Laxton's Progress or World's Record. One pound will sow 100 feet of row. Inoculate all legumes with Nitragin.

### FIRST OF ALL or EARLY JUNE

This is the largest podded of the extra early varieties and a most profitable market sort. The semi-smooth seed may be sown 2 weeks earlier than the wrinkled seeded sorts. The vines grow from 30 to 36 inches high. The deep green pods are square ended and 4 inches long, containing 7 Peas to the pod. This is a very heavy and even cropper.  $\frac{1}{4}$  lb., 15c;  $\frac{1}{2}$  lb., 27c; 1 lb., 45c, postpaid. Not prepaid, 5 lbs., \$1.40; 10 lbs., \$2.70; 20 lbs., \$5.20; 100 lbs., \$23.00.

### PREMIER

More prolific and a little taller than American Wonder or Nott's Excelsior, which it replaces in our list. Very early, dwarf, high yielding, market garden variety of excellent quality.  $\frac{1}{4}$  lb., 15c;  $\frac{1}{2}$  lb., 26c; 1 lb., 42c, postpaid. Not prepaid, 5 lbs., \$1.30; 10 lbs., \$2.50; 20 lbs., \$4.80; 100 lbs., \$21.00.

## EARLY DWARF PEAS

### LITTLE GEM or PREMIUM GEM

An early dwarf Pea of delicious flavor, excellent for family use. The vines are about 18 inches in height and produce an abundance of medium green, plump, blunt ended pods 2 1/4 inches long, with 6 to 7 Peas to the pod. This is an old tried and proven favorite. 1/4 lb., 13c; 1/2 lb., 24c; 1 lb., 40c, postpaid. Not prepaid, 5 lbs., \$1.20; 10 lbs., \$2.30; 20 lbs., \$4.40; 100 lbs., \$19.00.



Little Gem



Laxton's Progress

### LAXTON'S PROGRESS

The largest podded and most attractive of the early dwarf varieties. The vines are 16 to 18 inches high; the handsome dark green pods are 4 to 4 1/2 inches long, with 7 to 9 extra large peas of superior quality to the pod. This productive sort should be in every home and market garden. 1/4 lb., 15c; 1/2 lb., 26c; 1 lb., 45c, postpaid. Not prepaid, 5 lbs., \$1.40; 10 lbs., \$2.70; 20 lbs., \$5.20; 100 lbs., \$23.00.

## MAIN CROP VARIETIES

**BLISS EVERBEARING.** Prolific and bearing over a very long period. It grows to a height of 2 1/2 feet. The medium green pods are plump and blunt ended and contain from 6 to 8 large sweet Peas. A justly popular home garden variety. 1/4 lb., 14c; 1/2 lb., 25c; 1 lb., 42c, postpaid. Not prepaid, 5 lbs., \$1.30; 10 lbs., \$2.50; 20 lbs., \$4.80; 100 lbs., \$21.00.

**ALDERMAN.** Dark Podded Telephone. The best tall variety and the pick of the Telephone type. The vines are about 4 feet tall; the pods are from 4 1/2 to 5 1/2 inches long, carrying 8 to 10 very large Peas to the pod. This is the standard of high quality and an abundant yielder. 1/4 lb., 15c; 1/2 lb., 27c; 1 lb., 46c, postpaid. Not prepaid, 5 lbs., \$1.45; 10 lbs., \$2.80; 20 lbs., \$5.40; 100 lbs., \$24.00.

**LINCOLN.** Known in Canada as Homesteader. A very productive Pea of fine quality recommended for mid-season by the North Dakota Experiment Station. The vines grow 2 feet tall. The pods run from 3 1/4 to 3 3/4 inches long, containing from 6 to 8 medium green Peas of fine quality. One of the best yielders. 1/4 lb., 14c; 1/2 lb., 25c; 1 lb., 43c, postpaid. Not prepaid, 5 lbs., \$1.35; 10 lbs., \$2.60; 20 lbs., \$5.00; 100 lbs., \$22.00.

**DWARF TELEPHONE or DAISY.** A fine home and garden sort with vines growing 28 inches tall. The dark green pods are 5 to 6 inches long and contain from 7 to 9 peas. The flavor and quality are excellent. 1/4 lb., 14c; 1/2 lb., 25c; 1 lb., 42c, postpaid. Not prepaid, 5 lbs., \$1.30; 10 lbs., \$2.50; 20 lbs., \$4.80; 100 lbs., \$21.00.

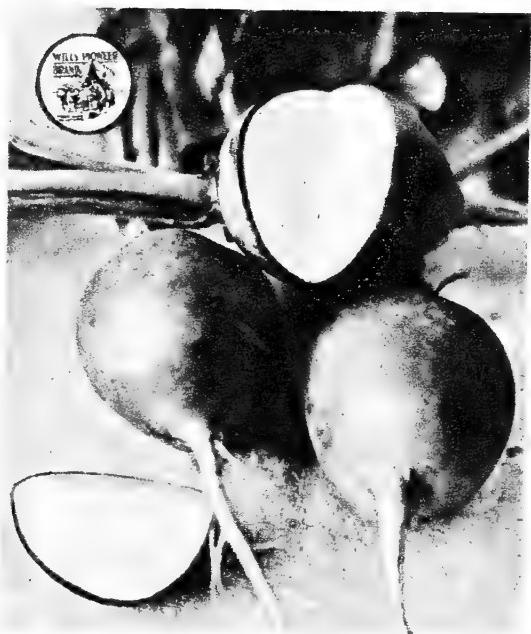
Bliss Everbearing →

### EDIBLE PODDED DWARF GRAY SUGAR

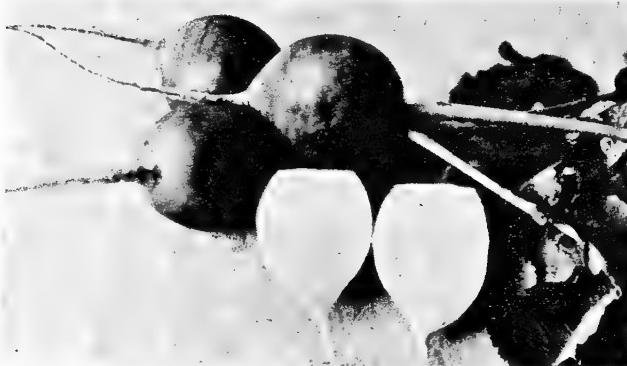
Height 2 feet. The pods are 3 inches long, curved and blunt, plump and fleshy. This sort is moderately early and very prolific. The pods are picked when the Peas are forming and are delicious when cooked as are string beans. 1/4 lb., 15c; 1/2 lb., 27c; 1 lb., 46c, postpaid. Not prepaid, 5 lbs., \$1.45; 10 lbs., \$2.80.



# WILL'S RADISH SEED



Will's Early Carmine



Crimson Giant Globe

## **CRIMSON GIANT GLOBE**

An extremely large, globe shaped, deep crimson Radish of superior quality, and standing very long before becoming pithy. The white flesh is solid, crisp and mild. One of the best sorts for outdoor culture. Pkt., 5c; oz., 14c;  $\frac{1}{4}$  lb., 45c;  $\frac{1}{2}$  lb., 75c; lb., \$1.35, postpaid.

## **LONG SCARLET SHORT TOP**

A home garden favorite, the smooth tapering roots are from 4 to 5 inches long,  $\frac{1}{4}$  inch thick at the shoulder, smooth, dark red, with crisp white flesh. Pkt., 5c; oz., 14c;  $\frac{1}{4}$  lb., 43c;  $\frac{1}{2}$  lb., 70c; lb., \$1.25.

## **WHITE STRASBURG**

One of the best large, white late Summer sorts for home garden and market. The roots are about 5 inches long, thick at the shoulder and abruptly tapering. Pkt., 5c; oz., 14c;  $\frac{1}{4}$  lb., 43c;  $\frac{1}{2}$  lb., 70c; lb., \$1.25, postpaid.

*It is always a pleasure to order from your catalog. We eagerly await its arrival.  
I believe this is our 10th year ordering either by catalog or locally.—Oscar E. Moe,  
Keene, N. D.*

**Culture.** For early use the seed may be sown in hotbed. For open ground culture, sow in the Spring as soon as the ground can be worked in drills 10 to 12 inches apart. Sow every two weeks for a succession.

## **WILL'S EARLY CARMINE**

Our old reliable extra early sort which has so long been the favorite throughout the Northwest. A bright carmine in color, almost round in shape, very early, mild and lasts well for an early sort; crisp and tender. Pkt., 5c; oz., 13c;  $\frac{1}{4}$  lb., 40c;  $\frac{1}{2}$  lb., 65c; lb., \$1.15, postpaid.



Saxa

## **SAXA**

**The Earliest Radish.** The round, bright, scarlet roots are ready for the table 20 days after sowing. The tops are small and the quality high. We have a fine stock of this variety. Pkt., 5c; oz., 13c;  $\frac{1}{4}$  lb., 40c;  $\frac{1}{2}$  lb., 65c; lb., \$1.15, postpaid.



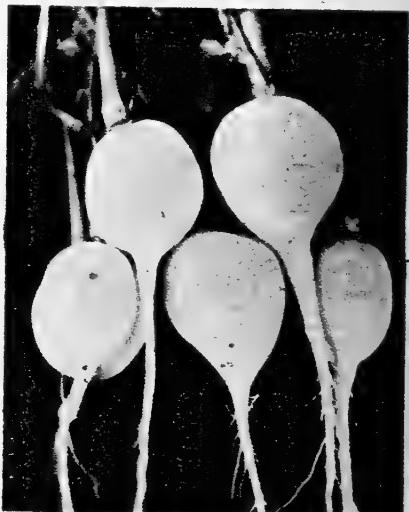
Giant Butter

## **GIANT BUTTER**

Largest of the early deep red Radishes, it will reach a weight of  $3\frac{1}{2}$  ounces without becoming pithy. It retains its crispness and mild flavor longer than any other sort in our trials. Pkt., 5c; oz., 14c;  $\frac{1}{4}$  lb., 43c;  $\frac{1}{2}$  lb., 70c; lb., \$1.25, postpaid.

## **MODEL BOX**

This popular turnip shaped Radish is the earliest white sort and ready for table in 25 days from sowing. Pure white, tender, crisp and mild. Pkt., 5c; oz., 14c;  $\frac{1}{4}$  lb., 45c;  $\frac{1}{2}$  lb., 75c; lb., \$1.35, postpaid.



Model Box

# WILL'S RADISH SEED

## EARLY SCARLET GLOBE

The market gardener's variety. One of the earliest forcing Radishes and does equally well outside. The bright scarlet roots are fair sized, globe-shaped and with very small top. We have as good a stock of this superb variety as is grown. Pkt., 5c; oz., 13c;  $\frac{1}{4}$  lb., 40c;  $\frac{1}{2}$  lb., 65c; lb., \$1.15, postpaid.

## CHINA ROSE WINTER

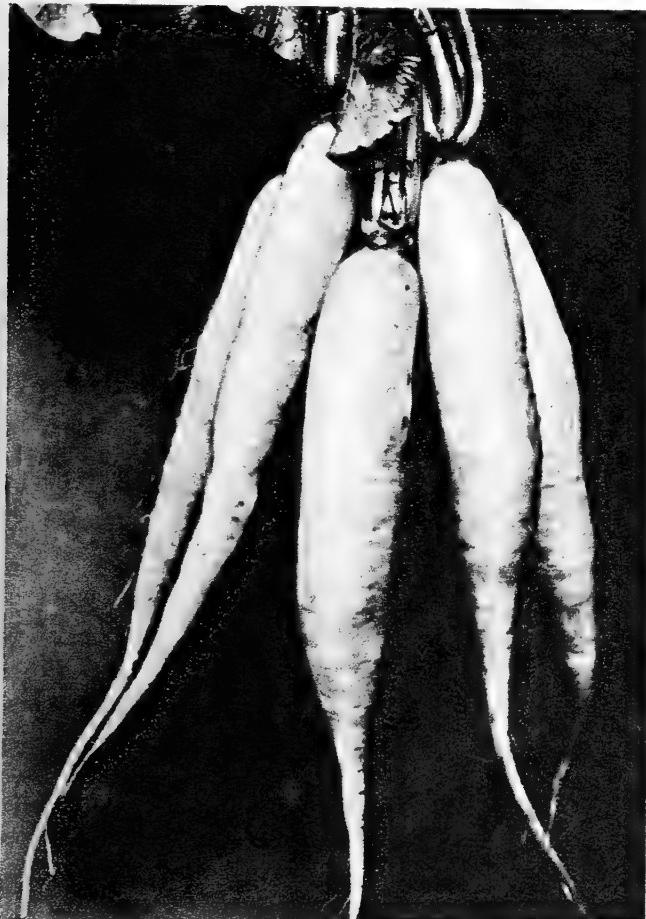
One of the very best Winter Radishes. The roots are cylindrical and blunt at both ends. The skin is bright, deep rose color and the flesh white and very crisp. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 55c;  $\frac{1}{2}$  lb., 85c; lb., \$1.50, postpaid.

## BLACK SPANISH WINTER

One of the latest as well as the hardiest of Radishes. The skin is black and flesh white, solid, crisp and pungent. Keep well all Winter. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 55c;  $\frac{1}{2}$  lb., 85c; lb., \$1.50, postpaid.

## WHITE ICICLE

Sometimes called Ladyfinger. The best early pure white Radish and the most crisp and tender of all Radishes. The handsome white roots are 6 inches long, tender, brittle, juicy and agreeably snappy, preserving these qualities longer than the red sorts. Pkt., 5c; oz., 13c;  $\frac{1}{4}$  lb., 40c;  $\frac{1}{2}$  lb., 65c; lb., \$1.15, postpaid.



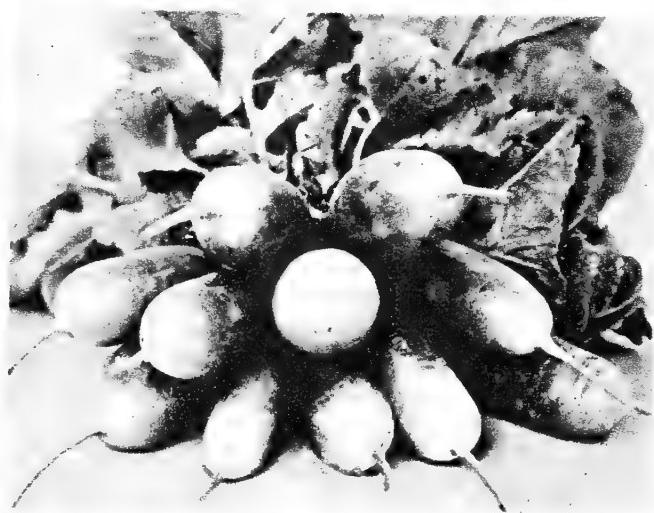
White Icicle



Sparkler

## SPARKLER

**Improved Scarlet Turnip White Tipped.** This extra early strain is perhaps the most attractive Radish we have. The color is rich carmine-scarlet with well defined tip of purest white. The flesh is solid and crisp, and remains fit for use as long as some of the coarser varieties. Largely grown by market gardeners both because of its earliness and its quality. Pkt., 5c; oz., 13c;  $\frac{1}{4}$  lb., 40c;  $\frac{1}{2}$  lb., 65c; lb., \$1.15, postpaid.



French Breakfast

## FRENCH BREAKFAST

An oblong, very crisp and quick growing Radish, in color a bright rose-scarlet with white tip. It is very early, of fine quality, a great favorite on the market and unexcelled for the home garden. Pkt., 5c; oz., 13c;  $\frac{1}{4}$  lb., 40c;  $\frac{1}{2}$  lb., 65c; lb., \$1.15, postpaid.

*We have gotten garden seeds from you for over six years and like your seeds very much. There are no seeds like Oscar H. Will & Company's.—Mrs. John Rieger, Esmond, No. Dak., Box 83*

**A GOOD GARDEN ALWAYS PAYS**



Bloomsdale Spinach

**The standard extra early Spinach** for home and market garden. The leaves are large, glossy deep green, blistered and crumpled. A heavy yielder. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 22c;  $\frac{1}{2}$  lb., 40c; 1 lb., 70c, postpaid.

### KING OF DENMARK.

This variety is very slow to run to seed. The plants are early, vigorous and productive, and bushy in habit. The rounded leaves are crumpled, blistered, and a deep green in color. Probably the best sort for Northwestern conditions. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c;  $\frac{1}{2}$  lb., 45c; 1 lb., 80c, postpaid.

### NEW ZEALAND.

Not a true Spinach, this variety thrives in hot, dry weather. As the leaves are picked off, new shoots appear and yield a continuous supply of greens throughout the summer. 125 seeds to the packet. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 45c;  $\frac{1}{2}$  lb., 75c; 1 lb., \$1.30, postpaid.

## SPINACH

**CULTURE:** Sow in early spring, in rows not less than 12 inches apart, covering not more than one inch deep. Sow 2 weeks apart for succession. One ounce for 100 feet of row.

**NOBEL—GIANT THICK LEAVED.** All American Silver Medal Winner. A very rapid grower and the largest Spinach. The broad, deep green leaves are very thick and rather smooth, easily cleaned for cooking. A long standing and very heavy yielding variety. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c;  $\frac{1}{2}$  lb., 35c; 1 lb., 55c, postpaid.

### BLOOMSDALE or SAVOY LEAVED.



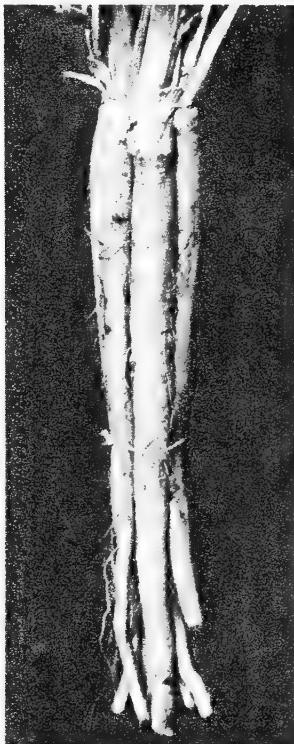
New Zealand

## SALSIFY or OYSTER PLANT

**CULTURE:** Sow as early as the ground can be worked, in drills 12 to 15 inches apart, one inch deep. One ounce to 100 feet of drill. About 180 seeds to the packet.

**MAMMOTH SANDWICH ISLAND.** This is the best type of Salsify or Vegetable Oyster. The roots are very large, smooth and of fine quality and delicious flavor. Pkt., 10c; oz., 40c;  $\frac{1}{4}$  lb., \$1.25;  $\frac{1}{2}$  lb., \$2.10; 1 lb., \$3.75, postpaid.

## SQUASH



Salsify

**RED LODGE MARROW.** This Marrow or Cocozelle Squash comes to us from the Italian settlement at Red Lodge, Mont. Originally from Italy, it is of high quality, exceptionally early and tremendously prolific. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 60c, postpaid.

**DAKOTA.** Professor A. F. Yeager's cross between Table Queen and Mandan Squash. Top shaped, with dark green skin and pale orange flesh, Dakota is much earlier and more prolific than Table Queen and should be used in the same way. Pkt., 10c; oz., 20c.

**EARLY MANDAN SQUASH.** The Very Earliest Squash. This wonderful little Squash, obtained by us from the Mandan Indians, will ripen anywhere, notably in the Montana mountains, where squashes had never been grown before. It is hardy, drought resistant, and of fair quality. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 60c, postpaid.

**GIANT SUMMER CROOKNECK.** A variety early as common Crookneck and much larger, frequently two feet long. It is heavily warted, of bright golden color, brittle and tender. Pkt., 7c; oz., 16c;  $\frac{1}{4}$  lb., 50c;  $\frac{1}{2}$  lb., 85c; 1 lb., \$1.45, postpaid.

**MAMMOTH WHITE BUSH.** Cymling or Patty Pan. A very early Summer squash. It is flattened and scalloped, comparatively smooth on the surface and creamy white in color. The flesh is thick and very fine in quality. Pkt., 7c; oz., 16c;  $\frac{1}{4}$  lb., 50c;  $\frac{1}{2}$  lb., 85c; 1 lb., \$1.45, postpaid.

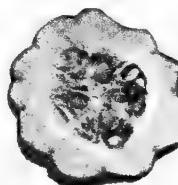


Table Queen

## TABLE QUEEN—DES MOINES or ACORN.

**The Individual Squash.** A small, very productive, acorn-shaped variety, averaging 1½ pounds. The thin shell is ribbed and very dark green in color. The orange yellow flesh is thick and of excellent quality. A good keeper. Squash of this variety may also be used as summer squash if picked when half grown. Pkt., 7c; oz., 16c;  $\frac{1}{4}$  lb., 50c;  $\frac{1}{2}$  lb., 85c; 1 lb., \$1.45, postpaid.

**ITALIAN MARROW—COCOZELLE.** The most delicate and finest flavored Summer squash. Of compact bush growth, the vines yield heavily of fruit averaging 14 inches long and 5 inches in diameter, dark green in color with the yellow and green stripings. Used when 10 inches long and perfectly green. Pkt., 7c; oz., 16c;  $\frac{1}{4}$  lb., 50c;  $\frac{1}{2}$  lb., 95c; 1 lb., \$1.75, postpaid.

## Early and Hardy Varieties Will's Winter Squashes

**Culture:** One ounce to 15 hills. Plant at same time as cucumbers and melons, in hills 7 to 8 feet apart for the Winter varieties. About 45 seeds to the packet of Winter Squash.



Banquet Squash

**BANQUET.** A golden squash, the result of our cross between Buttercup and Gilmore, earlier and more prolific than Buttercup with Buttercup shape, thick dry orange flesh and fine quality. We raised many tons of Banquet Squash in 1946. We're proud of this one. Pkt., 10c; oz., 25c;  $\frac{1}{4}$  lb., 75c;  $\frac{1}{2}$  lb., \$1.35; 1 lb., \$2.50, postpaid.

Mrs. Joe Ahrentz  
Sarles, N. Dak.

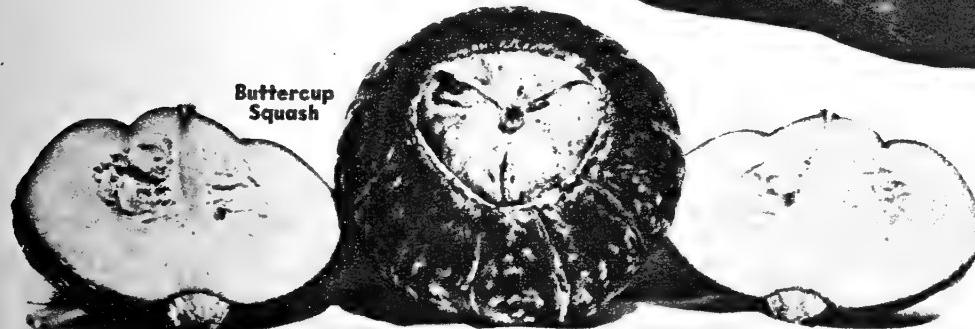
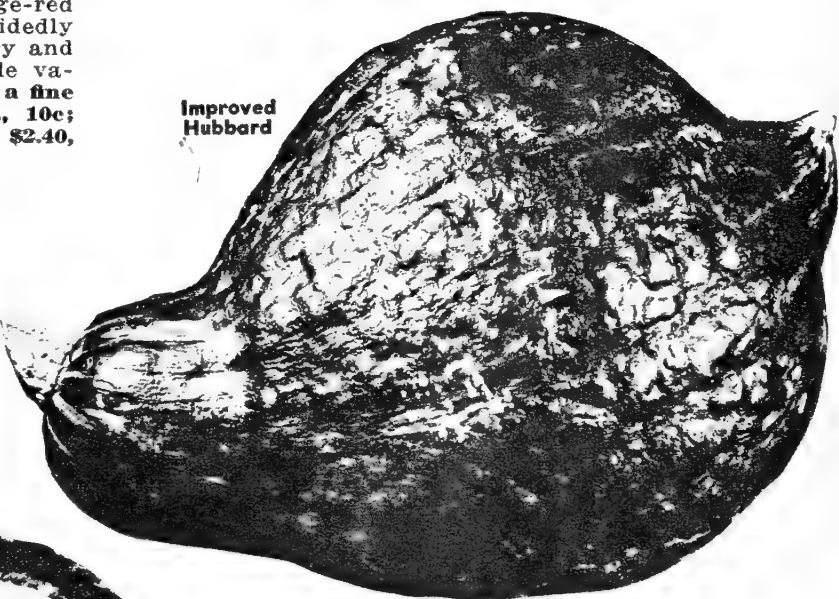
Your seeds have always done well for us.

**RED or GOLDEN HUBBARD.** Similar to Improved Hubbard except for its orange-red color, but slightly smaller and decidedly earlier. The flesh is deep orange, dry and of splendid quality. A superior table variety and an excellent keeper, this is a fine variety for the home garden. Pkt., 10c; oz., 23c;  $\frac{1}{4}$  lb., 70c;  $\frac{1}{2}$  lb., \$1.30; 1 lb., \$2.40, postpaid.

### IMPROVED HUBBARD.

**The Standard Winter Squash.** More extensively grown than any other variety. The fruits are large, heavy and moderately warded. The shell is a dark bronze-green; flesh a deep orange yellow, fine grained, dry and sweet. Its quality is the standard of excellence. Pkt., 10c; oz., 19c;  $\frac{1}{4}$  lb., 60c;  $\frac{1}{2}$  lb., \$1.10; 1 lb., \$2.00, postpaid.

Improved Hubbard



Buttercup Squash

**BUTTERCUP.** Originated in North Dakota by Professor A. F. Yeager. The squashes weigh between 3 and 5 pounds with thin, tough green skin. There is no fibrous section and the thick, rich orange flesh has no tinge of green. It is a good keeper with very little waste in cooking. The flavor is sweet and fine; the texture smooth and dry. A fine squash and our seed is the best obtainable. Pkt., 10c; oz., 25c;  $\frac{1}{4}$  lb., 75c;  $\frac{1}{2}$  lb., \$1.35; 1 lb., \$2.50, postpaid.

**ARIKARA.** If you want the earliest large Winter Squash, the squash that will set fruit and outyield all others under drought conditions, plant the Arikara. The shell is salmon, varied with blue green; flesh orange tinged with green near the shell, of firm texture and fair quality. It is a wonderful keeper. Pkt., 10c; oz., 21c;  $\frac{1}{4}$  lb., 70c;  $\frac{1}{2}$  lb., \$1.30; 1 lb., \$2.40, postpaid.

**BUTTERNUT.** About a foot long, bottle shaped, 4 to 5 inches at greatest diameter. The seeds are contained in a small cavity in the large end of the Squash. The fine textured, orange flesh is very sweet and fine flavored. Pkt., 10c; oz., 25c;  $\frac{1}{4}$  lb., 75c, postpaid.

Your 1947 Garden  
Will Pay Big Dividends  
with Will's Seeds

Arikara



**Culture.** Sow in hotbed or shallow boxes in the house in early Spring, allowing 8 to 10 weeks from sowing indoors to setting in open ground; when plants are large enough, transplant into hotbed or boxes and when all danger from frost is past transplant into open ground, about four feet apart each way.

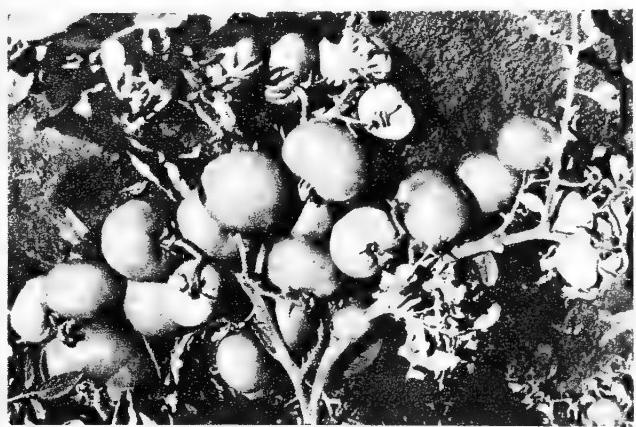


Victor

**SIOUX.** (See Page 3 for Illustration.) An early, meaty, red Tomato that has outyielded all other varieties in South Dakota trials. Pkt., 15c;  $\frac{1}{2}$  oz., 55c; oz., \$1.00;  $\frac{1}{4}$  lb., \$3.00, postpaid.

**NEW HAMPSHIRE VICTOR.** Developed by Dr. A. F. Yeager at the University of New Hampshire. A cross of Allred and Marglobe, perhaps 2 or 3 days later than the original Victor, but an improvement in several respects, particularly disease resistance. Pkt., 15c;  $\frac{1}{2}$  oz., 60c; oz., \$1.00, postpaid.

**BONNY BEST.** A popular second early sort, fine for both home and market garden. The good sized, bright scarlet Tomatoes are flattened globe shape and of very fine quality. Pkt., 10c;  $\frac{1}{2}$  oz., 35c; oz., 65c;  $\frac{1}{4}$  lb., \$1.80, postpaid.



Firesteel

**FIRESTEEL.** An early variety that has proven very productive under adverse conditions. The fruit is large, smooth and uniformly globe shaped, scarlet red in color and remarkably free from stem end cracking. Pkt., 10c;  $\frac{1}{2}$  oz., 40c; oz., 75c;  $\frac{1}{4}$  lb., \$2.25, postpaid.

**WONDERBERRY—GARDEN HUCKLEBERRY**  
Not a true Huckleberry, but belonging to the same family as do Tomatoes, Eggplant, and Pepper, this is very productive of round, nearly black fruits, but little smaller than a Concord Grape. These fruits when fully ripe make excellent pies, preserves, and jam. Pkt., 10c; oz., 65c.

All America Bronze Medal Winner. A fine contribution by Dr. A. F. Yeager to Tomato Progress. Brought out at the Michigan State College. This is a cross between Allred and Break O'Day. In Victor are combined the determinate or self-pruning habit of Allred and Bison, the earliness and uniform color of Allred, and the smoothness of Break O'Day. The somewhat flattened fruits are a desirable red in color, very fleshy and resist cracking. Market quality is very high and culls few. If you want earliness, high quality and yield, try Victor. Pkt., 10c;  $\frac{1}{2}$  oz., 40c; oz., 75c;  $\frac{1}{4}$  lb., \$2.25, postpaid.



Earliana

**EARLIANA.** (Standard Strain). One of the earliest varieties and very productive. The fruit is fair sized, round, very smooth and solid and produced in clusters in the center of the plant. The color is bright scarlet. Pkt., 10c;  $\frac{1}{2}$  oz., 40c; oz., 70c;  $\frac{1}{4}$  lb., \$2.00, postpaid.

Tomato Plants  
Listed on Page 58

**ORANGE KING.** A midseason bright orange Tomato developed by Dr. A. F. Yeager, of the University of New Hampshire. A heavy yielder, the fruits are a little larger than those of Victor. The interior color is also a bright orange, much more attractive than ordinary yellow Tomatoes, and the juice is much the color of orange juice. Tests indicate a higher vitamin content than that of red varieties. Pkt., 15c;  $\frac{1}{2}$  oz., 55c; oz., \$1.00, postpaid.

**JOHN BAER.** Slightly earlier than Bonny Best, a heavy yielder of smooth, firm, medium sized, flattened globe shaped, scarlet fruits. Pkt., 10c; oz., 65c;  $\frac{1}{4}$  lb., \$1.80, postpaid.

**MARGLOBE.** An all-purpose, midseason Tomato developed by the U. S. Department of Agriculture. The fruits are medium large, nearly globular, smooth and solid. This variety is resistant to wilt. Pkt., 10c; oz., 55c;  $\frac{1}{4}$  lb., \$1.60, postpaid.

**Will's Early  
VICTOR**

# Hardy Tomatoes

## BISON

### The Tomato for Northern Gardens

The first of Dr. Yeager's self pruning or determinate Tomatoes and a standby in this section. The compact plant puts all its energies into producing and ripening a heavy and extra early crop of solid, meaty, medium sized red Tomatoes of finest quality. Pkt., 10c;  $\frac{1}{2}$  oz., 40c; oz., 75c;  $\frac{1}{4}$  lb., \$2.25, postpaid.

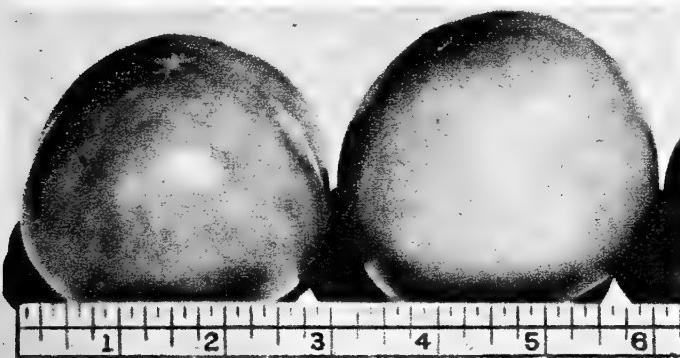


**Chatham (Some foliage cut away)**

**CHATHAM.** The longer we grow Chatham, the better we like it. Developed from crosses made by Dr. A. F. Yeager, by the Upper Peninsular Experiment Station, Chatham, Michigan, for home gardens in areas of short growing seasons. The plant is determinate; the fruits are good sized—the largest of any extra early variety, all over ripening, of high quality, smooth uniform shape and good color. Can be sown in open ground with good results, with of course earlier Tomatoes if started indoors. Pkt., 15c;  $\frac{1}{2}$  oz., 50c; oz., 80c;  $\frac{1}{4}$  lb., \$2.50, postpaid.

**RED RIVER** One of the earliest and most solid, meaty early sorts we have ever seen. Red River is a heavy producer of bright scarlet, medium sized, slightly flattened smooth fruits of solid meat and splendid flavor. Pkt., 10c;  $\frac{1}{2}$  oz., 35c; oz., 70c;  $\frac{1}{4}$  lb., \$2.00; 1 lb., \$7.50, postpaid.

**For Small Fruited Tomatoes See Next Page (46)**



**Bounty**

**For Paper Pots and Bands See Page 21**

Please send me a packet of Window Box Tomato Seed for which I enclose 15c. We tried this variety last year but when transplanting time arrived, they were so small and stunted looking that we used only four plants—buying from a neighbor, some real thrifty, much larger plants. I do not work in the garden very much myself and was very much surprised one day when I found four piles of tomatoes in the garden, with just a little foliage over them. They ripened far ahead of the other varieties having fruit just about the size we like for table use and large enough for canning.

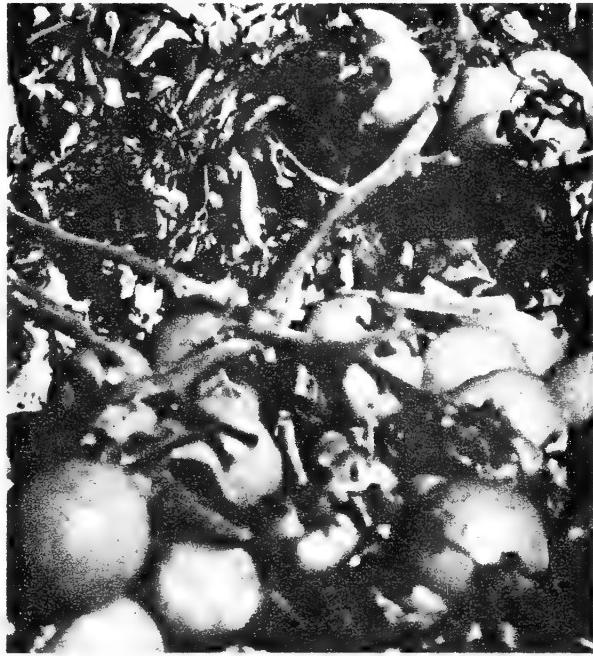
—Walter P. Isaac, Myers, Mont.

**Tomatoes  
The Most  
Profitable  
Garden  
Crop  
for a  
small  
area.**



**Bison**

**WINDOW BOX.** Extra Early. Distinctly a novelty—the plants are 18 to 22 inches across and yield heavily of small, meaty, few seeded, high quality Tomatoes. This is another of Dr. A. F. Yeager's productions. Pkt., 15c;  $\frac{1}{2}$  oz., 60c; oz., \$1.00, postpaid.



**Red River**

**BOUNTY or N. D. No. 40.** This is a first cousin to Victor and has outyielded it in some tests. Very similar in appearance. Postpaid, pkt., 10c;  $\frac{1}{2}$  oz., 40c; oz., 75c;  $\frac{1}{4}$  lb., \$2.25, postpaid.



Strawberry or Ground Cherry

## Small Fruited Tomatoes

**FARGO YELLOW PEAR.** Extra early, heavy yielding determinate plants. The yellow fruits are pear shaped, attractive and fine flavored. Pkt., 10c;  $\frac{1}{2}$  oz., 55c; oz., \$1.00, postpaid.

**YELLOW PLUM.** A beautiful sort, much resembling a plum in size and shape; widely used for preserving. Pkt., 10c;  $\frac{1}{2}$  oz., 45c; oz., 80c, postpaid.

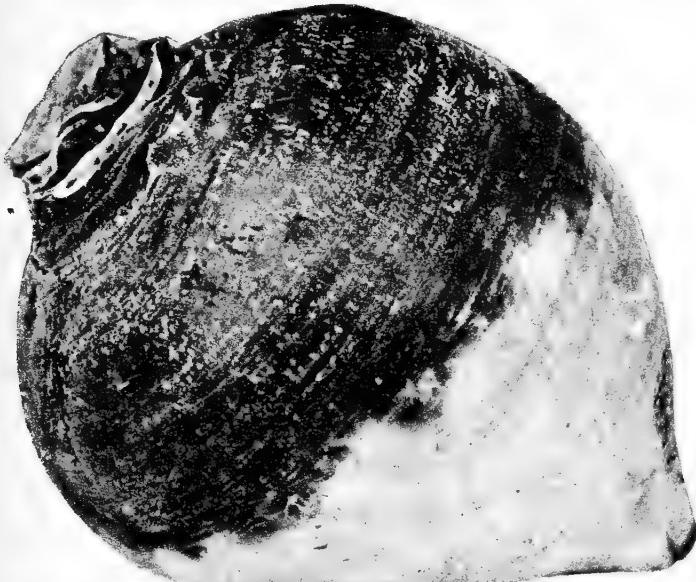
**RED CHERRY.** The fruits are very small, about the size of a large cherry, smooth and round. It bears early and freely until frost, and is used for preserving. Pkt., 10c;  $\frac{1}{2}$  oz., 45c; oz., 80c, postpaid.

**GROUND CHERRY, HUSK or STRAWBERRY TOMATO.** Not a true Tomato, the round yellow fruits are half an inch in diameter, enclosed in thin paper-like husks. A heavy yielder, very sweet, and used mostly for pies and preserves. Pkt., 10c;  $\frac{1}{2}$  oz., 45c; oz., 80c, postpaid.

## Will's Rutabagas

### PAJBJERG BANGHOLM.

The roots are purple - topped and yellow with very small necks. The flesh is yellow, exceedingly solid and crisp. This is the sweetest Rutabaga, a heavy yielder and a splendid keeper. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 23c;  $\frac{1}{2}$  lb., 43c; 1 lb., 70c, postpaid. Not prepaid, 5 lbs., \$2.75.



Will's Improved Rutabaga

**CULTURE:** Sow seed early in spring for summer crop and about July first for fall crop. Culture and quantities same as Rutabaga, but do not require as much thinning. About 2,200 seeds to the packet.

### WILL'S IMPROVED AMERICAN PURPLE

**TOP YELLOW.** The roots are large, globe shaped, with small necks and tap roots, bright yellow with purple tops. The flesh is very solid, yellow, tender and sweet. Our strain is very hardy, productive and a good keeper. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 23c;  $\frac{1}{2}$  lb., 40c; 1 lb., 65c, postpaid. Not prepaid, 5 lbs., \$2.50.

**EARLY NECKLESS—LAURENTIAN.** A purple top yellow Rutabaga, three weeks earlier than American Purple Top, entirely neckless, free from side roots, round and uniform, of fine quality. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 23c;  $\frac{1}{2}$  lb., 40c; 1 lb., 65c, postpaid. Not prepaid, 5 lbs., \$2.50.

**WHITE SWEET PERFECTION.** This white Rutabaga is a heavier yielder than most of the yellow sorts. Especially desirable for table use, it is small necked, fine grained and sweet. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 27c;  $\frac{1}{2}$  lb., 43c; 1 lb., 70c, postpaid. Not prepaid, 5 lbs., \$2.75.



## Turnips

**PURPLE TOP STRAPLEAF.** Widely cultivated, a quick grower, and very productive. The roots are flat, medium sized, purple above ground and white below. The flesh is white and of fine quality. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 27c;  $\frac{1}{2}$  lb., 43c; 1 lb., 70c, postpaid.

**EARLY WHITE MILAN.** The earliest Turnip, can be used for spring or summer planting. The creamy white roots are medium sized, flat and uniform. The white flesh is fine-grained, tender and sweet. Pkt., 5c; oz., 12c;  $\frac{1}{4}$  lb., 35c;  $\frac{1}{2}$  lb., 58c; 1 lb., \$1.00, postpaid.

**PURPLE TOP WHITE GLOBE.** The most popular variety for general use. A good sized, globe-shaped sort of a fine appearance, a good producer and keeper. The flesh is firm, fine-grained, tender and sweet. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 27c;  $\frac{1}{2}$  lb., 43c; 1 lb., 70c, postpaid.

**WHITE EGG.** A medium sized, very early, snow-white variety, with firm, fine-grained flesh. Does not crack as readily as the flat varieties. Pkt., 5c; oz., 11c;  $\frac{1}{4}$  lb., 30c;  $\frac{1}{2}$  lb., 50c; 1 lb., 85c, postpaid.

**GOLDEN BALL.** The Best Yellow Globe Turnip. The orange yellow roots average 4 inches in diameter, with fine grained yellow flesh of excellent quality. A good keeper. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c;  $\frac{1}{2}$  lb., 40c; 1 lb., 65c, postpaid.

*This makes the twelfth year we have bought our seeds from you. I believe every seed came up.—  
Jack E. Murray, Kirby, Mont.*

Purple Top White  
Globe Turnip

# PIONEER HYBRID SEED CORN

We are the only commercial Seed House in the North that has conducted a long continued project of Corn inbreeding and crossing with special reference to Northern Plains conditions.

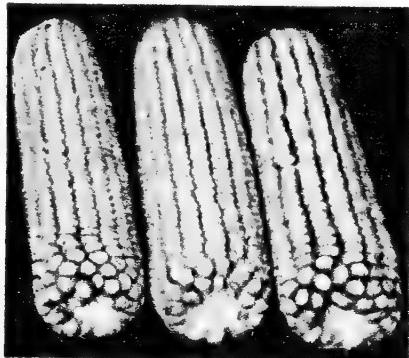
We are offering this year several Hybrids, particularly adapted to the Northern Plains and Midland country. It is too bad that the real value of adapted hybrids has been obscured by the promiscuous selling of hybrids in no way adapted to the territory by gullible or irresponsible dealers who did not know what hybrid meant and often did not care.

We offer some of our own hybrids, products of ten to twenty years of breeding and testing. We know that they will outyield similar types of common seed corn, stand up better and be easier to pick.

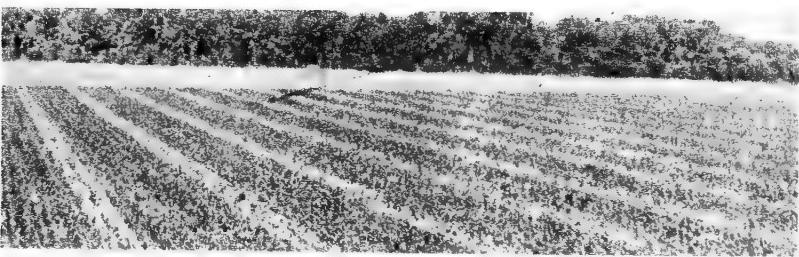
We offer also early yellow dent hybrids from the corn breeding department at the State Experiment Station or other extra early types.

Try hybrids bred for the Northern Plains and you will be surprised and delighted by the results.

## Wills Pioneer Hybrids Are Bred & Grown for Gt. Plains Conditions



Hybrid 301



FALCONER SEMI-DENT HYBRIDS

**HYBRID "D."** 80 days. This is a cross between Alta Dent and Falconer inbreds. Early as Falconer, heavy yielding, stands better.

**PIONEER HYBRID "N."** 85 days. Combines the yellow dent qualities of an outstanding yellow dent single cross with the hardiness, earliness, drought and cold resistance of two outstanding Falconer inbreds. A large eared yellow semi-dent that grows straight and tall and yields very heavily.

**PIONEER HYBRID "A."** (See inside front cover.) 80 days. This is a cross from four inbred Falconer strains. The result is a uniform Falconer type corn, somewhat more upright, easier to pick and better yielding.

### DENT HYBRIDS

**PIONEER HYBRID "J."** 85 days. A fine pure yellow Dent with extraordinary wind and storm resistance. Tall, ears high, a heavy yielder. A combination with a Nodak single cross.

**NODAK HYBRID No. 301.** 85 days. Somewhat earlier than No. 201 and a little sturdier. We have found it to do somewhat better under our local conditions. A beautiful appearing yellow dent.

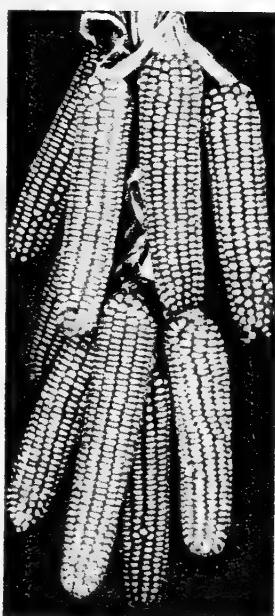
### WHITE DENT HYBRID

**PIONEER HYBRID "F."** 85 days. A pure white dent hybrid combination of four of our best Crimmins Rustler inbreds. Very sturdy and strong rooted and not subject to wind damage.

**Prices of Hybrids—Large and Medium flat.** Postpaid, lb., 50c; F. O. B. here, 7 lbs. (enough for 1 acre), \$1.40;  $\frac{1}{2}$  bu., \$5.50; bu., \$10.00.

**Large and Medium round.** F. O. B. here, 7 lbs., \$1.30;  $\frac{1}{2}$  bu., \$4.00; bu., \$7.50.

If out of stock we shall substitute the nearest available variety.

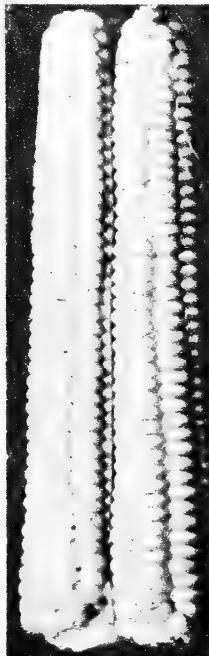


Hybrid D

## PLANT HYBRIDS BRED FOR THE NORTHERN PLAINS.

# FLINT CORN

Gehu in Cribs



Dakota White

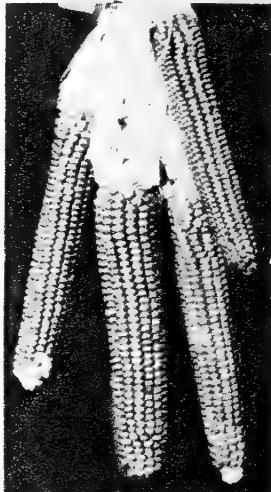


Mercer

## DAKOTA WHITE FLINT

### Seventy Day Corn

The first variety produced by Oscar H. Will in the early eighties. A pure, pearly white flint, 8 to 12 rowed, long slender ears with small cob and a great deal of grain. Many ears to the hill, and yields of 50 bu. per acre have been reported. Stalks are leafy and bushy, a wonderful variety to feed off in the field. Height from 3 1/2 to 5 1/2 ft. Lb., 35c, postpaid; F.O.B. here; 10 lbs., \$1.30; 1/2 bu., \$3.00; bu., \$5.25.



Gehu

## WILL'S GEHU YELLOW FLINT

### Seventy-five Day Corn

The best known of our native early flints. We have shipped it to every continent. It has been carefully bred by us for years and shows the effect of this breeding. Its feeding qualities are the highest of any variety of Corn, it is leafy and produces a tremendous amount of excellent fodder, since there is no heavy stalk, and every part of the plant is utilized. It is drought, frost and hail resistant to a wonderful extent in addition to its great earliness. In good soil and under favorable conditions it may be cut with a Corn binder. Gehu is of a lemon-yellow color, ears mostly twelve-rowed, 7 to 10 inches in length. Stalks 4 to 6 feet. Ears 10 to 18 inches from the ground. Lb., 35c, postpaid; F.O.B. here; 10 lbs., \$1.30; 1/2 bu., \$2.75; bu., \$5.15.



Dakota Squaw

## MERCER FLINT

### Ninety Day Corn

A fine silage variety with stalks 6 to 8 ft. high, leafy, with slender stalks, ears long and slim, several to a hill, color orange-yellow. A second early sort that does not always mature in short seasons. Fine to feed in the bundle as well as for silage. We have an extra good acclimated strain. Lb., 35c, postpaid; F.O.B. here; 10 lbs., \$1.30; 1/2 bu., \$2.75; bu., \$5.15.

## BURLEIGH CO. MIXED or DAKOTA SQUAW CORN

### Seventy Day Corn

Hardy—Early—Heavy Yielding. This is a mixed form of the early flint and is the first variety listed by us after our business was started. It is very resistant to both drought and frost, and fully as heavy a yielder as any variety of early flint. It is of mixed colors, yellow, white, blue and red predominating, ears long and slender, mostly eight-rowed. This Corn shells out heavier than any other variety. Lb., 35c, postpaid; F.O.B. here; 10 lbs., \$1.35; 1/2 bu., \$3.25; bu., \$6.00.

## ASSINIBOINE FLINT CORN

### Sixty Day Corn

From the Canadian Indians—Earliest Type of Corn Grown. Ripens 10 days before the Gehu and Dakota, so has an especially useful place in hogging off. Lb., 40c, postpaid. F.O.B. here; 10 lbs., \$1.50; 1/2 bu., \$3.50; bu., \$6.50.

Flints are the surest of all varieties in a short, cool season.



Assiniboine

## FALCONER SEED CORN

**Oscar H. Will & Co. Strain—Highest Yielding Corn for the Northwest**

Falconer corn is grown by the hundreds of thousands of acres now and many thousands of these acres are off type, unselected or poorly selected scrub corn of the poorest type and certain to make inferior yields.

We introduced Falconer Corn. Falconer in careful tests over most of our state has outyielded every variety including many hybrids.

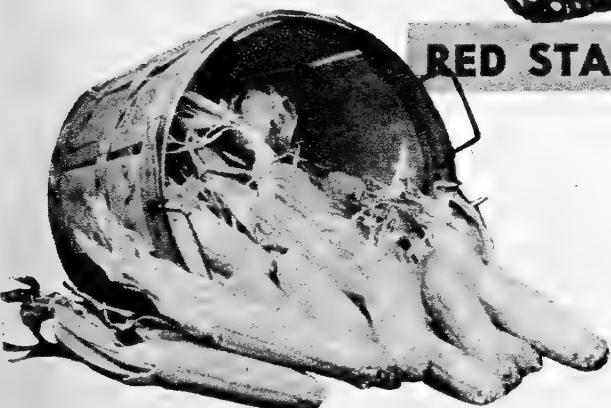
The answer seems obvious then. Buy genuine Falconer of true, high yielding strain from Oscar H. Will & Co.

Lb., 35c, postpaid. F.O.B. here, 10 lbs., \$1.30;  $\frac{1}{2}$  bu., \$3.00; bu., \$5.00.



**A CORN HANDBOOK FOR THE NORTHWEST**  
Corn Varieties, Corn Planting, Growing, Harvesting

This book covers the subject of Corn for the Great Plains and the Northwest fully and treats of corn growing in every department. Written clearly and concisely, it can be used as a text book in agricultural classes. Price, 50c. Postpaid, 60c.



Red Star Semi-Dent

**RED STAR—THE NEW SEMI-DENT**

(See inside Front Cover)

**RED STAR.** We believe that we have an outstanding new variety here. A cross of Falconer, Alta Yellow Dent and Siberian Flint. The latter is very early but does not go down after ripening and carries its ears high on the stalk. This is an 80 day Corn. A very heavy yielder and ear and stalk resemble the Siberian parent. Lb. postpaid, 40c. F.O.B. here, 10 lbs., \$1.35;  $\frac{1}{2}$  bu., \$3.50; bu., \$6.50.

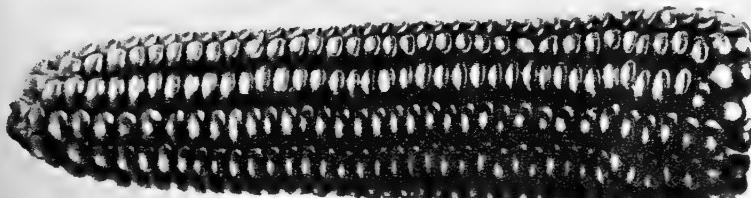


We offer two strains of Minn. 13 with 85 to 90 days' maturity. The Haney Strain is best adapted to the heavier soils and moisture climate; the Boyd Strain is adapted to Great Plains conditions. Your order will this year be filled with whichever one you request until one or the other is sold out. We shall then send what we have. Postpaid, lb., 35c. F.O.B. here, 10 lbs., \$1.30;  $\frac{1}{2}$  bu., \$3.00; bu., \$5.00.

**WILL'S ORIGINAL NORTHWESTERN DENT**

Minnesota 13

The original Northwestern Dent Corn, a history of which is given in Bulletin No. 107 of the Montana Experiment Station, was introduced by Oscar H. Will in 1896, and almost immediately attained great popularity over the whole Northwest.



Northwestern Dent

It is extremely hardy and will produce a crop when all other dents fail, owing to its frost and drought resistance. It ripens in 80 to 85 days. Lb. postpaid, 35c. F.O.B. here, 10 lbs., \$1.30;  $\frac{1}{2}$  bu., \$3.00; bu., \$5.00.

## SQUARE DEAL YELLOW DENT

85 Day Corn

An Oscar H. Will introduction some thirty-five years ago, Square Deal is still the earliest of all yellow dents. The ears are short and solid, the kernels are very deep and the shelling proportion is very high. Prefers rather moist soils. Lb., 35c, postpaid. F.O.B. here: 10 lbs., \$1.30;  $\frac{1}{2}$  bu., \$2.75; bu., \$5.00.



Pioneer White Dent

resistant dent that can be grown. Easy to pick, even in maturing.

Ears average 6 to 8 inches long, nearly cylindrical, 14 to 16 rows, white with occasional pink shading. Stalks 5 to 7 ft., ears 2 ft. up. Lb., 35c, postpaid. F.O.B. here: 10 lbs., \$1.30;  $\frac{1}{2}$  bu., \$2.75; bu., \$5.00.

## PIONEER WHITE DENT

85 Day

The earliest and hardest White Dent in cultivation. Also the most drouth

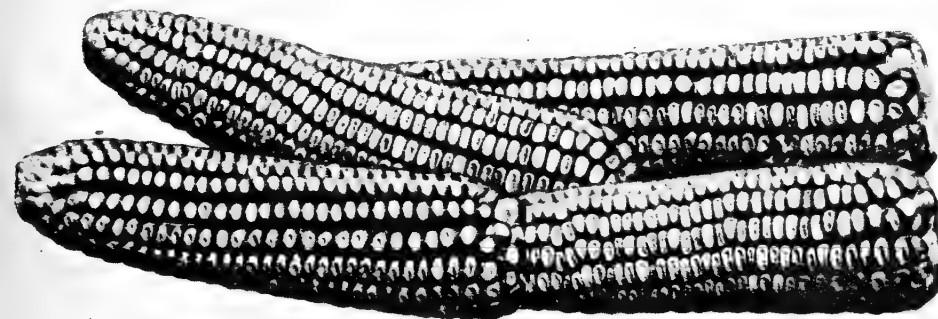
## ALTA DENT



Alta Dent

## 90 Day Corn

As early as the early strains of Minnesota 13, bred in western South Dakota and consequently especially adapted to drier conditions and higher altitude. A handsome and valuable pure yellow dent. Matures in 90 to 95 days. Lb., 35c, postpaid. F.O.B. here: 10 lbs., \$1.30;  $\frac{1}{2}$  bu., \$2.75; bu., \$5.00.



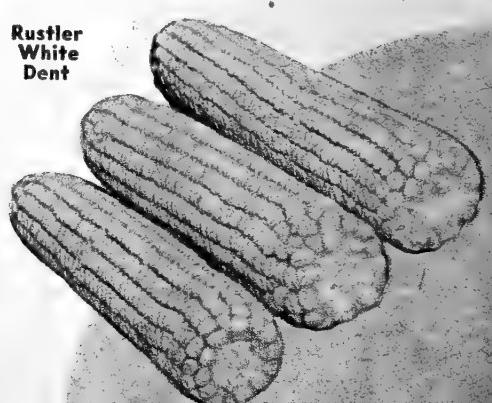
Square Deal Dent

## RUSTLER WHITE DENT—

90 Day CRIMMINS STRAIN

This especially adapted strain of the rather late Rustler for central and western North Dakota has been bred by Mr. D. C. Crimmins. He is a corn breeder of note, winner of many premiums at the State Corn Show, and in this strain of Rustler has given us a very valuable corn. Lb., 35c postpaid. F.O.B. here: 10 lbs., \$1.35;  $\frac{1}{2}$  bu., \$3.00; bu., \$5.10.

Rustler  
White  
Dent



## RAINBOW FLINT FOR THE SILO

Drouth Resistant—A Tremendous Yielder

We have two strains. The Great Plains Strain was developed at the U. S. Great Plains Station at Mandan, is earlier and better adapted to Great Plains conditions.

The South Dakota Strain is somewhat taller and later.

We have stocks of both but we are not sure which strain we may be able to supply when an order comes in and will fill orders with what we have on hand. Lb., 35c, postpaid. F.O.B. here; 10 lbs., \$1.30;  $\frac{1}{2}$  bu., \$2.75; bu., \$5.00.



A Field of Acme Fodder Corn

Almost perfect as a silage corn. This is a mixture of off type early dents and semi-dents with a previous year's cross. This sort of combination means heavy growth and yield combined with the natural earliness of its components. Easily handled with a binder. Lb., 30c; postpaid. F.O.B. here; 10 lbs., \$1.25;  $\frac{1}{2}$  bu., \$2.25; bu., \$4.00.

### Acme Fodder— A Natural Cross

Rainbow  
Flint Corn



## 4X FODDER CORN—Southern Grown, Tall, Leafy

The 4X is, we consider, the very best procurable fodder Corn for Northwestern conditions. We get this grown just far enough south so that maximum quantity of fodder is produced and at the same time the stocks come near enough to maturity so that they are not all water. The best time to cut Corn for fodder is when the kernels are just past the roasting ear stage. Sow or drill ten pounds to one-half bushel per acre, if planted with a planter; 2  $\frac{1}{2}$  bu. if broadcasted. F.O.B. here;  $\frac{1}{2}$  bu., \$2.00; bu., \$3.50; larger lots @ \$3.40.

## SWEET FODDER CORN—Wonderful Feed for Milch Cows

Sweet Fodder is coming to occupy a place of very high esteem as a feed for milch cows. Owing to the fact that its sugar content is so high it is a more concentrated feed than the ordinary Corn. It is likewise a heavy yielder as it is so bushy, and there are no heavy, coarse stalks which are usually waste. Lb., 30c, postpaid. F.O.B. here; 10 lbs., \$2.00; larger lots @ 17c per lb.

## UNUSUAL CORN VARIETIES FOR EXPERIMENT AND TRIAL

We know that many of our customers are interested in experimental work with Corn and in the observation of novel and little known sorts. We have therefore listed here a few of the many unusual types that we are constantly growing and observing, and we hope to present others each year.

**Price, lb., postpaid, 50c; F. O. B. Bismarck, 5 lbs., \$1.00.**

**RUSSIAN EXTRA EARLY.** Corns from Siberia and the colder parts of Russia, very remarkable for earliness and height of stalk for such early corn. We have several kinds.

**ZUNI BLUE.** Blue flour corn from the Zuni Indians.

**MANDAN & ARIKARA INDIAN CORN.** We can supply from these tribes Yellow Flour, Blue Flour.

**RED STRIPED RUSSIAN.** Another very early flint from a Soviet Experiment Station.

**SUNSHINE X ASSINIBOINE.** A very heavy yielding, early sweet corn selection. Extremely hardy.

**SUNSHINE X HUBBARD.** A Bantam experimental cross of high quality.

**EXTRA EARLY 55-DAY FLINT.** A very dwarf, very early pure white flint from Canada.

**SIBERIAN EARLY YELLOW FLINT.** An extremely early, upright corn with the ears well up on the stalks. From a Russian Experiment Station.

**MAINCROP SWEET CORN.** A three way cross, very early and with very large ears. Yellow and white.

**RUSSIAN X YELLOW FLOUR.** An interesting combination of early flint and flour corn.



4X Fodder in the Shock

**NOTICE—These prices subject to change. Our blue price list issued once or twice each month gives latest prices and may be had on request. Write for prices on large lots.**

**NOTE ALSO THAT ALL PRICES INCLUDE COST OF SACKS.**

We are marking our germination and purity tests on bulk shipments of seed grain, field seeds, and seed corn. These tests are arrived at by careful and scientific methods, and are as nearly exact as we can make them. It must be understood, however, that they are only for customer's guidance and are not a guarantee. Always make your own tests of seed grain and field seeds.

## SEED BARLEY

**WISCONSIN NO. 38.** A heavy yielding 6 row malting barley with smooth beards. F. O. B. here,  $\frac{1}{2}$  bu., \$1.30; bu., \$2.30.

**SPARTON.** A rather new, 2 row feed Barley which has outyielded all other sorts in many parts of the Great Plains, very plump grain, drouth resistant. F. O. B. here,  $\frac{1}{2}$  bu., \$1.20; bu., \$2.25.

**TREGAL.** This new variety from the N. D. Experiment Station is a smooth awned cross from the Trebi, a heavy yielder it is valuable mainly as a feed variety but with malting possibilities. F. O. B. here,  $\frac{1}{2}$  bu., \$1.20; bu., \$2.25.

**PLUSH.** A Canadian barley of very high quality, a heavy yielder with very stiff straw. Lb., postpaid, 25c; F. O. B. here,  $\frac{1}{2}$  bu., \$1.30; bu., \$2.40.

**KINDRED or 'L'.** A malting barley, high yielding and of good quality. A new N. D. variety. Lb., postpaid, 25c; F. O. B. here,  $\frac{1}{2}$  bu., \$1.30; bu., \$2.40.

## SPELTZ OR EMMER

**SEED SPELTZ or EMMER.** This is the ordinary speltz grown throughout the state and without a pedigree. Fine horse, hog, poultry and cow feed. F. O. B. Bismarck, bu. (40 lbs.), \$1.25; 100 lbs., \$3.00.

## SEED FLAX

**Write for Prices on Seed Flax**

**KOTO.** Resistant to pasmo and moderately resistant to rust, very wilt resistant. Originated at the Mandan Field Sta. Blue flowers, brown seeds, very early.

**VICTORY.** Medium late. Brown seed, white flowers. High yielding, wilt and rust resistant.

**No. 5128.** Large brown seed, blue flower. Very late, very resistant to rust and wilt. Very high yielding. Tall and stout. Sow early.

**ROYAL.** A wilt and rust resisting variety of high yielding ability and good quality, from Canada. Tall, blue flower, brown seed.

**RENEW.** Very early, very rust resistant. Small brown seed, blue flower. High yielding. Tall plant.

**WALSH FLAX.** Larger seed than Bison, 10 days earlier. Large boll, very strong straw. Resistant to wind and hoppers.

**VIKING OR GOLDEN.** A yellow seeded flax with white blossom. Very heavy yielder and seeds have high oil content. A low growing, bushy sort.

**SHEYENNE.** Another new rust and pasmo resistant sort. Large and sturdy. Blue flowers and brown seed.

## PIONEER BRAND FIELD PEAS

**NORTH DAKOTA GROWN EARLY CANADA FIELD PEAS.** Field Peas are one of the most useful of crops. The straw is equal to clover hay, and the grain is one of the most nourishing of foods for all kinds of stock. In order to aid in harvesting it is recommended that they be sown with oats or Spring rye. Lb., 30c, postpaid. F. O. B. Bismarck, 10 lbs., 90c; 100 lbs., \$8.00.

**WHITE MARROWFAT.** Shorter than Canadian peas with a very large pea, also a bit later. A heavy yielder and a fine pea for human consumption. F. O. B. Bismarck, 10 lbs., \$1.00; 100 lbs., \$9.00.

**AUSTRIAN WINTER PEAS.** 100 lbs., \$7.50.

## PIONEER BRAND BUCKWHEAT

Sow  $\frac{1}{2}$  to 1 bushel per acre, or 25 to 50 lbs.

This is the variety commonly grown in the Northwest, and which is used so extensively there as a late crop, and as a smothering crop for land badly infested with weeds. Buckwheat is an excellent poultry food, a fact that is too little appreciated by most poultry raisers. F. O. B. Bismarck, 25 lbs., \$2.00; 50 lbs., \$3.25; 100 lbs., \$6.50.

## SEED OATS

**MARION.** A product of the Iowa Ex. Sta.; medium early, high yielding white oat, resistant to stem rust and partially to leaf rust. Also resistant to the new and serious blight disease. F. O. B. here,  $\frac{1}{2}$  bu., 70c; bu., \$1.25.

**AJAX.** A new Canadian oat which we shall be able to supply. A medium early white variety with much disease resistance. F. O. B. here:  $\frac{1}{2}$  bu., 70c; bu., \$1.30.

**VICLAND.** This new oat from the Iowa Experiment Sta. is a rather short, early yellow oat, strong stemmed, heavy yielding, resistant to loose and covered smut, leaf rust and some forms of stem rust. F. O. B. here,  $\frac{1}{2}$  bu., 70c; bu., \$1.25.

**GOPHER.** Developed from the Kherson type. These are perhaps the best all around oats for North Dakota today and increase in popularity each year. Very early and at the same time very heavy yielding. Not rust resistant but it is resistant to the new blight. A product of the Minn. Experiment Station. F. O. B. Bismarck,  $\frac{1}{2}$  bu., 65c; bu., \$1.20.

## SEED WHEAT

**MIDA.** A new highly disease resistant spring wheat from the N. D. Exper. Sta. High yielding, strong and sturdy. F. O. B. here,  $\frac{1}{2}$  bu., \$1.60; bu., \$3.00.

**PILOT-13.** A new very rust resistant, non-shattering variety which has done very well in our territory. Postpaid, 1 lb., 25c. F. O. B. here,  $\frac{1}{2}$  bu., \$1.50; bu., \$2.90.

**REGENT.** A new resistant wheat from Canada. A beardless wheat, slightly taller than Thatcher, matures about the same time. Resistant to both leaf and stem rust. Good yielder, equal to Thatcher in milling and baking test. F. O. B. here,  $\frac{1}{2}$  bu., \$1.50; bu., \$2.75.

**VESTA.** A relative of Rival from the N. D. Station. A grand combine wheat, as it stands for weeks without shattering. May be planted very late and will still make a good crop. F. O. B. here,  $\frac{1}{2}$  bu., \$1.50; bu., \$2.75.

**RED DURUM.** The rust-proof, heavy yielding durum that is used entirely for feed. F. O. B. here,  $\frac{1}{2}$  bu., \$1.25; bu., \$2.40.

**STEWART.** A new resistant, high yielding durum from the N. D. Experiment Sta. Postpaid, 1 lb., 25c; F. O. B. here,  $\frac{1}{2}$  bu., \$1.50; bu., \$2.75.

**CADET.** A new beardless spring wheat. A late sort adapted to the northern counties. Introduced by the N. D. Agricultural College. Postpaid, 1 lb., 25c. F. O. B. here,  $\frac{1}{2}$  bu., \$2.25; bu., \$4.00.

## RYE

**NORTH DAKOTA SPRING SEED RYE.** First quality North Dakota grown seed rye of high purity and germination. Spring rye is scarce and hard to find. F. O. B. Bismarck,  $\frac{1}{2}$  bu., \$1.75; bu., \$3.00.

**PROLIFIC SPRING RYE.** This is a new spring rye which very much out-yields the common sort, supply is limited and hard to locate. A very large type. F. O. B. Bismarck,  $\frac{1}{2}$  bu., \$1.80; bu., \$3.20.

## WINTER RYE QUOTED IN SEASON

We shall be glad to quote on certified seeds of all grains when available.

Grass, Clover and Alfalfa Prices Subject to Change Without Notice—Sacks Included in Prices

**WILL'S PIONEER BRAND GRASS SEED****DIRECTIONS FOR MAKING LAWNS**

The seed bed should be spaded or plowed to a depth of 6 or 7 in. All lumps should be broken up, the surface smoothed with rake or plank and well firmed. Sow evenly on a quiet day, rake in well and roll if possible. Use seed at the rate of 1 lb. per 200 square ft. If possible water thoroughly at once. Good loam soil is best; for the finest lawn black dirt may be spread several inches thick but a good turf of the hardier varieties does not require it.

Our Emerald Mixture should be used for the best lawns

Red Top is adapted to shady spots.

For a little harder conditions but where some watering

where water is available.

is possible, use our Dakota Mixture.

public grounds use Buffalo Grass Stolons or Fairway Crested Wheat Grass.

Do not permit the watered lawn to dry out at all until the grass is well up.

Fertilize from year to year as indicated by the condition of the lawn. We recommend Vigoro.

We shall be glad to give advice and make up special mixtures for airports, parks, public school grounds, football fields, etc.

**WILL'S EMERALD LAWN MIXTURE**

Registered U. S. Patent Office.

We include no white clover but can supply it to those desiring it at prices shown.

The Emerald Mixture has been planted in North Dakota and the Northwest for 60 years, and beautiful lawns throughout the Northwest testify to its excellence.

This mixture contains no coarse seeds and is composed of the best varieties of the very best quality obtainable. Kentucky blue grass is the foundation of the mixture.

EMERALD is the finest and best mixture for the lawn that can receive proper care; accept no substitute for it. Postpaid, 1 lb., \$1.10; F. O. B. here, 5 lbs., \$4.50; larger lots @ 85c.

**WILL'S DAKOTA LAWN MIXTURE**

This is a utility mixture for those who do not wish to give the necessary care and attention for the fine lawn and yet want a nice appearing grass plot around the house; also useful for street, boulevards and large public building grounds. Made up of coarser and harder grasses, it still requires some water. Clover may be used with it to advantage. Postpaid, 1 lb., 60c; F. O. B. here, 5 lbs., \$2.75; larger lots @ 50c.

**KENTUCKY BLUE GRASS**

The foundation of hardy lawn grass. We handle nothing but the fancy, clean seed. Blue grass is very short this year and the price is very high. That accounts for the very high lawn mixture prices. Postpaid, 1 lb., \$1.25; F. O. B. here; 5 lbs., \$6.00; larger lots @ \$1.18.

**CREEPING BENT GRASS SEED**

This is very popular for lawn grass purposes and makes a wonderful lawn after it is once established. Must be planted and tended very carefully until it has made a small growth. Requires lots of water. Lb., postpaid, \$1.40; F. O. B. here, 5 lbs., \$6.50.

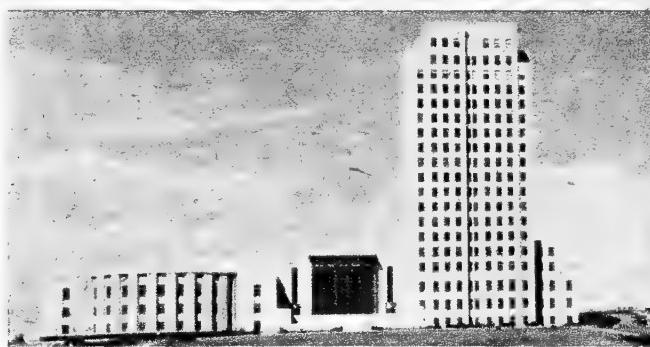


Buffalo Grass Lawn.

**PASTURE & HAY GRASSES**

**STANDARD CRESTED WHEAT GRASS.** The hardest and most drought resistant grass yet discovered. Introduced by the Department of Agriculture and especially well tested and recommended after years work by the Dickinson sub-experiment station. Also carefully tested and very favorably reported upon by the U. S. Northern Great Plains Field Station at Mandan. The outstanding variety for the Great Plains. Postpaid, 1 lb., 35c; F. O. B. here, 10 lbs., \$2.25; 50 lbs., \$11.00; 100 lbs., \$20.00.

**WESTERN RYE OR SLENDER WHEAT GRASS.** Hardy, drought resistant, of good quality, a native variety. It stands cutting better than the brome and hay is of better quality. Becomes sod bound quickly. Postpaid, 1 lb., 25c; F. O. B. here, 10 lbs., \$1.75; 50 lbs., \$8.00; 100 lbs., \$15.00.



Lawn at N. D. State Capitol.

**RED TOP OR HERD'S GRASS**

Useful in the Northwest principally for seeding shady spots, sloping beds, basins, and any place where the water may stand at times. Lb., 50c, postpaid. F. O. B. here, 10 lbs., \$4.00; larger lots @ 43c.

**FAIRWAY CRESTED WHEAT GRASS**

This strain developed at the Saskatchewan Experiment Station answers very well for large lawn areas, public grounds, parks, football fields, etc. It is a fine grass, stands cutting well, keeps green late. Is a trifle bunched.

Also a very good hay and forage plant. Heavier yielding and leafier than the Standard Strain, yet in a dry year it may not yield quite as much. Lb., postpaid, 30c. F. O. B. here, 5 lbs., \$1.20; larger lots @ 20c.

**BUFFALO GRASS SEED.** We have secured a stock of No. 1 seed of this invaluable grass. Has already been treated for quick germination. Postpaid, 1 lb., \$1.25; F. O. B. here, 5 lbs., \$5.50; 25 lbs., \$26.25.

**BUFFALO GRASS PLANTS**

This grass is undoubtedly the most perfect lawn grass for dry conditions. It spreads by runners and produces a dense mat on the ground. We list this grass by the 100 rooted plants. The plants are set out from 6 to 15 inches apart each way. In one season the whole area should fill in. Needs practically no mowing. Plants can not be reset till new growth has started. Per 100 plants postpaid, 65c (enough for 140 sq. ft.); 500, \$3.00; F. O. B. here, 1000, \$5.00. Plants from Theodore Roosevelt's Elkhorn ranch in the Little Missouri Bad Lands, finer and slower growing. Per 100, 75c, postpaid.

Use VIGORO on YOUR LAWN

**BROME GRASS—BROMUS INERMIS (Austrian or Russian).**

Brome Grass is an exceedingly valuable pasture grass, especially for early Spring and late Fall. Postpaid, 1 lb., 35c; F. O. B. here, 10 lbs., \$2.25; 50 lbs., \$10.00; 100 lbs., \$19.00.

**PIONEER BRAND TIMOTHY SEED.** We offer

only northern grown Timothy seed which is from acclimated fields. 1 lb., 25c, postpaid. F. O. B. Bismarck, 10 lbs., \$1.50; 50 lbs., \$7.00; 100 lbs., \$13.00.

## OTHER GRASSES

**MEADOW FESCUE or ENGLISH BLUE GRASS.** This grass is one of the hardiest grasses for the Northwest. It also withstands severe cold very well. Does best in rich soil. **Postpaid, 1 lb., 55c; F. O. B. here, 10 lbs., \$4.50; 50 lbs., \$22.00; 100 lbs., \$43.00.**

**REED-CANARY GRASS OR PHALARIS.** This is a native of the low flooded sections of our Missouri River bottom lands and the sloughs of Minnesota. Will not stand heavy alkali. The best grass for wet spots that we have. **Postpaid, 1 lb., 95c; F. O. B. here, 10 lbs., \$8.50; 50 lbs., \$42.00; 100 lbs., \$83.00.**

**WILD RYE.** We have small lots of both **Russian Wild Rye** and **Canadian Wild Rye**. The latter is clean but the awns are not well removed. **Postpaid prices for both, 1 lb., \$1.00; F. O. B. here, 1 lb., 90c; 5 lbs., \$4.00.** We can not supply in larger lots at present. Write about larger quantities.

**GREAT PLAINS PASTURE MIXTURE.** This is an item for which there seems to be an increasing demand. The mixture which we list is one recommended at the N. D. Experiment Station. It consists of 6 lbs. crested wheat grass; 3 lbs. brome grass, 1 lb. yellow sweet clover,  $\frac{1}{2}$  lb. alfalfa. Seed about ten lbs. per acre. **Postpaid, 1 lb., 40c; F. O. B. here, 10 lbs., \$2.75; larger lots at 27c.**

**MIDLAND PASTURE MIXTURE.** For the eastern third of our State. Seed 10 to 14 lbs. per acre. Consists of 7 lbs. bromus, 4 lbs. crested wheat grass, 2 lbs. slender wheat grass, 1 lb. yellow sweet clover,  $\frac{1}{2}$  lb. alfalfa. **1 lb. postpaid, 40c; 10 lbs., \$2.75; larger lots at 27c per lb.**

## PIONEER BRAND CLOVER SEED

**ALSIKE or SWEDISH CLOVER.** It is low growing, and if sown for hay should be mixed with other clover, timothy or red top. Its chief value in the Northwest is for sowing in very wet spots where water stands at times and other clovers will not grow. **Postpaid, 1 lb., 65c; F. O. B. Bismarck, 10 lbs., \$5.25; large lots @ 51c.**

**MEDIUM RED AND MAMMOTH.** These are often badly mixed and we may send a mixture or substitute one for the other. Adapted only to well watered soil free from alkali. **Postpaid, 1 lb., 65c; F. O. B. here, 10 lbs., \$5.75; larger lots @ 55c.**

**WHITE LAWN CLOVER.** For those who like clover in their lawns we offer this very high quality seed. It should be mixed at the rate of 1 lb. to 5 lbs. of grass seed. May also be scattered on old lawn. **Lb., postpaid, 90c. F. O. B. here, 5 lbs., \$4.00.**

### Korean Lespedeza

A new forage crop that has proven very useful farther south. It is able to endure drouth, heat and poor soil and still make excellent pasture. An annual legume. Showed up well in our trials for the past two years. **Lb., 40c, postpaid, F. O. B. here, 10 lbs., \$2.00; 50 lbs., \$9.25; 100 lbs., \$18.00.**

## SWEET CLOVER

Yellow and white sweet clover may contain up to 10% of the opposite color.

**YELLOW BLOSSOM SWEET CLOVER SEED.** Outside the lower and heavier soil sections of the Northwest the Yellow Blossom variety seems to be better adapted than the white. Its advantages are greater hardiness as regards a combination of cold and drouth, finer quality of hay, a crown like alfalfa so that it may be cut as close to the ground as one wishes. **Lb., 30c, postpaid. F. O. B. here, 10 lbs., \$2.00; 100 lbs., \$16.50.**

**MIXED SWEET.** Perfectly good seed for sowing anywhere, but cannot pass as either pure yellow or white. **F. O. B. here, 10 lbs., \$1.90; 100 lbs., \$16.00.**

**WHITE BLOSSOM BIENNIAL.** The Tall, Late Sort that is in greatest demand if you wish to sell seed. This is the only kind used in Iowa and Illinois where 90 per cent of the seed from the Northwest is sold. Must be cut high for hay as it grows from the bases of the branches. **1 lb., 30c, postpaid. F. O. B. here, 10 lbs., \$2.00; 100 lbs., \$17.00.**

## PIONEER BRAND ALFALFA SEED

**NORTHWESTERN GROWN VARIEGATED ALFALFA.** The fact has become pretty well established that only the strains of alfalfa with variegated flowers are hardy in the Northwest. Such strains are Grimm, Cossack, Lada, etc. The seed which we offer under this head is seed from fields with variegated bloom. The mere fact of hardiness and variegated blossom prove that it belongs to one of the hardy strains. **Lb. 62c, postpaid. F. O. B. Bismarck, 10 lbs., \$5.15; 100 lbs., \$50.00.**

We shall be glad to quote upon request best prices on certified Lada, Grimm and Cossack Alfalfa. We hope to be able to offer all of them as the season advances.

## FORAGE CROP SEEDS

Prices include sacks, and are subject to changes without notice

Write for prices on large lots. Get Our Special Price List, issued at intervals after January 15th.

### Hay Millets

**DAKOTA-KURSK.** The very best hay Millet for North Dakota yet found. A tremendous yielder of fine quality hay and a heavy seed bearer. Our seed came from the U. S. Dept. of Agriculture. Lb., 40c, postpaid. F. O. B. here, 10 lbs., 60c; 50 lbs., \$2.65; 100 lbs., \$5.00.

**SIBERIAN MILLET.** This is the most planted variety in the Northwest. Does not degenerate from planting northern seed as do some sorts. We supply either northern or southern grown, as they are of equal value. Lb., 25c, postpaid. F. O. B. here, 10 lbs., 60c; 50 lbs., \$2.75; 100 lbs., \$5.00.

**WHITE WONDER MILLET.** The White Wonder has come to be recognized as one of the very best hay millets for the Northwest. It is drought resistant with heavy foliage and broad leaves. Lb., 40c, postpaid. F. O. B. here, 10 lbs., 95c; 50 lbs., \$4.50; 100 lbs., \$8.50.

**HUNGARIAN MILLET.** This variety is one of the best adapted to northern conditions of any sort. It is suited to cooler weather. Lb., 40c, postpaid. F. O. B. here, 10 lbs., 95c; 50 lbs., \$4.50; 100 lbs., \$8.50.

**JAPANESE MILLET.** This variety is of a different family from the others. It does best on heavy, moist soil. It is better for horses than the ordinary sorts. Lb., 40c, postpaid. F. O. B. Bismarck, 10 lbs., \$1.10; 50 lbs., \$5.00; 100 lbs., \$9.50.

**SOUTHERN GROWN GERMAN MILLET.** This is German millet, sometimes called Golden, raised in the latitude of Kansas and southern Nebraska. Lb., 40c, postpaid. F. O. B. here, 10 lbs., 95c; 50 lbs., \$4.50; 100 lbs., \$8.50.

### SUNFLOWER SEED

**COMMON.** Valuable as a poultry and parrot food, as a food for human consumption often going under the name of Russian peanuts, and also for silage. Lb., 40c, postpaid. F. O. B. here, 10 lbs., \$1.75; larger lots @ 16c lb.

**SUNRISE.** A new short stalked, early variety from Canada. A good yielder. Lb., 40c, postpaid. F. O. B. here, 10 lbs., \$2.00; larger lots @ 17c lb.

**SHORT EARLY RUSSIAN.** A very good yielder and very early. Came to us from a Russian Experiment Station. Prices same as for Sunrise.

### Soy Beans

Extra early sorts raised in our section.

**KABOTT.** A very early and prolific soybean, useful as a vegetable and field variety. Lb., postpaid, 32c. F. O. B. here, 10 lbs., \$1.25; 50 lbs., \$5.00; 100 lbs., \$9.50.

**MINNSOY.** Our stock of this early sort has been grown in our state for the past several years. Early and matures safely. Postpaid: Lb., 30c; F. O. B. here, 10 lbs., \$1.00; 50 lbs., \$4.00; 100 lbs., \$8.00.

### Hog or Proso Type Millets

**CROWN.** A new Canadian variety of Proso Millet. In Manitoba trials it has consistently outyielded all other varieties including Turghai. It is highly recommended by the Brandon Experiment Station whence our supply was obtained. Postpaid, Lb., 40c. F. O. B. here, 10 lbs., 75c; 50 lbs., \$2.25; 100 lbs., \$4.25.

**TURGHAI PROSO.** We are glad to offer this very excellent variety of proso. We believe it to be one of the heaviest yielders of any proso, the earliest, and a tall growing, non-lodging variety. F. O. B. here, 10 lbs., 75c; 50 lbs., \$2.25; 100 lbs., \$4.25.

**EARLY FORTUNE or RED PROSO.** This red form of the proso or hog millet type is in especial favor for mixture in poultry foods. One of the surest crops in the Northwest, and especially valuable as a grain crop for late planting. Lb., 40c, postpaid. F. O. B. Bismarck, 10 lbs., 60c; 50 lbs., \$2.20; 100 lbs., \$4.00.

**BROOM CORN or YELLOW PROSO.** The first type of Proso grown in the Northwest. Color varies from yellow to creamy white. Lb., 25c, postpaid. F. O. B. here, 10 lbs., 75c; 50 lbs., \$2.25; 100 lbs., \$4.25.

### DWARF ESSEX RAPE

Sow 6 to 10 lbs. per acre.

Very popular for hog and sheep pasture where soil is good and fairly well watered. Keeps growing out as it is eaten off and is not easily damaged by frost. Lb., 40c, postpaid. F. O. B. Bismarck, 10 lbs., \$1.75; larger lots @ 14c.

### Sudan Grass

The most productive and fastest growing of annual forage plants. Hay is of best quality for every kind of stock. Can be cut several times in a favorable year. Do not sow before June 1st. F. O. B. here, 10 lbs., \$1.25; 50 lbs., \$6.25; 100 lbs., \$12.00.

Write for prices on Sweet Sudan

### Cane

**EARLY AMBER.** Earliest and most widely used of all the sweet sorghums for planting in the Northwest. Excellent both for silage and roughage. Price Lb., postpaid, 40c. F. O. B. here, 10 lbs., \$1.25; 50 lbs., \$5.25; 100 lbs., \$10.00.

**LOW PRUSSIC ACID CANE.** A new development from South Dakota. The dangerous poisonous quality has been almost bred out of this strain. In addition it is early and very productive. Postpaid, Lb., 40c. F. O. B. here, 10 lbs., \$1.50; 50 lbs., \$5.50; 100 lbs., \$10.50.

### EARLY GRAIN SORGHUM

#### Sooner Milo

One of the newer grain sorghums which we have been watching in our trials. With us it has been the earliest and surest, in addition it has produced nearly twice as much growth as any other extra early sorghum. Lb., 40c, postpaid. F. O. B. here, 10 lbs., \$1.00; 50 lbs., \$4.00; 100 lbs., \$7.50.

We hope to have some stock of the new Rancher sorghum. Write for prices.



Rosina Geranium

## GREENHOUSE DEPARTMENT

Members of Floral Telegraph Delivery.  
We wire flowers anywhere any time.

### CUT FLOWERS—PLANTS—CORSAGES—WEDDING AND FUNERAL FLORAL ARRANGEMENTS

The North Dakota sales tax applies on all greenhouse products except vegetable plants. All prices are subject to change without notice. We can assume no transportation risks, after shipping stock in good condition. Because of the difficulties involved in shipping perishable goods we cannot guarantee safe delivery of such goods and therefore do not advise customers beyond Zone 3 to order such items.

**ON PLANT ORDERS OF LESS THAN 60c ADD 15c FOR PACKING**

### GERANIUMS

From 3" pots: Postpaid, 45c each; \$4.50 dozen. F. O. B. here, 35c each; \$3.50 dozen.

From 4" pots: Postpaid, 60c each; \$6.00 dozen. F. O. B. here, 50c each; \$5.00 dozen.

**ROSINA.** A new variety developed at the Mandan Northern Great Plains Field Station. The double blossoms are of a salmon pink color which takes on a deeper rose shade when planted outdoors. We strongly recommend this geranium.

**S. A. NUTT.** An old favorite and the best dark red.

**WHITE MADONNA.** The finest white, with double blossoms.



Giant Pansies

### VINES

From 3" pots: Postpaid, 60c each; \$6.00 dozen. F. O. B. here, 50c each; \$5.00 dozen.

For either outdoor or indoor use, we offer these vines: German Ivy, Branching English Ivy, Vinca Variegata, Philodendron and Tradescantia (Wandering Jew).

### DAISIES

From 3" pots: Postpaid, 45c each; \$4.50 dozen. F. O. B. here, 35c each; \$3.50 dozen.

These are the Boston White and Boston Yellow Daisies, twice as large as Marguerites.

### WILL'S GIANT PANSIES

These are sturdy plants bearing mammoth blooms in a wide range of lovely colors. Postpaid, 75c dozen; \$4.50 for 100. F. O. B. here, 65c dozen; \$4.00 for 100.

### ALL-DOUBLE PETUNIA

From 3" pots: Postpaid, 60c each. F. O. B. here, 50c each.

From 4" pots: Postpaid, \$1.15 each. F. O. B. here, \$1.00 each.

Assorted colors. Plant these in the window box or border to be the envy of the neighborhood.

### GENERAL BEDDING PLANTS

From 3" pots: Postpaid, 25c each; \$2.50 dozen. F. O. B. here, 20c each; \$2.00 dozen.

For general bedding purposes, these are the most popular and satisfactory plants: Ageratum, Coleus, Lantana, Lobelia, Single Petunia, Salvia, Sweet Alyssum, and Verbena. We have them all to give you a variety of color choice for your spring beds.

### TRANSPLANTED BEDDING PLANTS

Postpaid: 60c dozen; \$1.75 for 50; \$3.50 for 100. F. O. B. here, 50c dozen; \$1.60 for 50; \$3.00 for 100.  
In this group we have Asters, Snapdragons, Ageratum, Stocks, Single Petunia, Salvia and Verbena.

### HOUSE PLANTS

Our selection of house plants naturally varies with the seasons, but these favorites we have in season. **WRITE FOR PRICE LIST OF SEASONAL PLANTS.** Azalea, Begonia, Cacti, Calceolaria, Christmas Cherry, Cineraria, Coleus, Cyclamen, Fern, Fuchsia, Easter Lily, Geranium, Hydrangea, Ivy, Pelargonium, Petunia (double), Philodendron, Poinsettia, Sansevieria (Snake plant).

### WATER PLANTS

Shipment not made until late May. Weather must be warm when water plants are planted.

**WATER LILIES:** Day Bloomers.

**Conqueror.** Strong grower, deep red, very large flowers. Stamens yellow-orange.

**Eugenia De Land.** Flowers extra large deep rose-pink. Yellow stamens.

**Mariacea White.** Flowers large and pure white.

**Mariac Yellow.** Bright canary yellow flowers.

Postpaid: \$2.25 each; 4 for \$8.00. F. O. B. here, \$2.00 each; 4 for \$7.50.

### SHALLOW WATER AND BOG PLANTS

**Floating Fern.** Popular floating plant. Grows in sun or shade. Baby fish like to hide among its leaves. Postpaid: 35c each. F. O. B. here, 30c each.

**Giant Anacharis.** One of best oxygen plants for gold fish. Grows in feathery long strings. Postpaid: 50c a bunch. F. O. B. here, 45c a bunch.

**Parrotsfeather.** Fuzzy green foliage on long trailing stems. Floats on water surface. Postpaid: 35c a bunch. F. O. B. here, 30c a bunch.

**Water Hyacinth.** Plants float upright. Beautiful orchid flower spikes. Postpaid: 3 for 50c. F. O. B. here, 3 for 45c.

**Water Iris.** (Blue Flag.) A tall growing iris producing blue flowers, sword shaped leaves. May be grown in shallow water or at pools edge. Postpaid: 35c each. F. O. B. here, 30c each.



Water Lilies

**Water Poppy.** A continuous mass of yellow flowers, waxy green leaves. Plant in shallow water. Postpaid: 35c each. F. O. B. here, 30c each.



**WILL'S GLADIOLI**

From the thousands of gladiolus varieties offered today, we have chosen those which we consider the finest in their class. Most of them are consistent prize winners. They make a brilliant display during August and September and there is no finer flower for cutting. Cultural directions are sent with each order.

All bulbs priced Delivered.

All bulbs sold singly or in the Aristocrat Collection are the finest No. 1 Bulbs.

**\$2.00 Will's Aristocrat Gladiolus Collection \$2.00**

Lovely collection of twenty real beauties. One bulb of each variety listed below. Some are early blooming and some late. This collection should not be confused with cheaper mixtures as this is made up of the best varieties. All are No. 1 bulbs.

This is a \$3.00 value for \$2.00; 3 collections for \$5.50.

**Bagdad**

**BAGDAD.** Beautiful smoky rose. Robust grower.

**BARCAROLE.** Exquisite large clear grenadine orange.

**BLUE BEAUTY.** A giant light blue. A strong grower, early bloomer.

**CANBERRA.** Originated in Australia. Excellent clear yellow, strong grower.

**CHIEF MULTNOMAH.** Large red smoky, cherry blotch, outstanding bloom.

**COMMANDER KOEHL.** A giant dark red. Excellent.

**CORONA.** Mid-season bloomer. Large white with rose picotee edge.

**DR. F. E. BENNETT.** Fiery orange-crimson. Tall, straight and sturdy.

**GOLDEN CHIMES.** Highly ruffled light yellow.

**GRETA GARBO.** Soft light rose. Tall strong grower. Old but a favorite.

**HINDENBURG'S MEMORY.** Exceptionally fine red cut flower, but a poor name.

**JEANIE.** A tall rich pink with large flower head.

**KING LEAR.** Early clear deep reddish purple. Deeply ruffled with tiny silver line around edge.

**MAID OF ORLEANS.** Milky white with cream throat. Tall straight stems.

**MAX REGER.** Early lavender blue. Best lavender.

**MINUET.** Clear, light, pinkish lavender with 5 to 6 blooms open at a time.

**MYRNA.** An excellent white, ruffled and strong grower.

**PICARDY.** Sensational flower of delicate apricot-pink. Florets are large and slightly ruffled.

**RED LIGHTNING.** A flaming red with white throat. A very long flower head.

**ROSA VAN LIMA.** Early, pure light pink. Many florets open at one time.

All bulbs are labeled.

Price, 15c each; 12 for \$1.50; 100 for \$9.50.

**WILL'S PIONEER GLADIOLUS MIXTURE**

Will's Pioneer Gladiolus Mixture for 1947 is a superb combination of all colors, types and blooming seasons. The fine clean young bulbs of the better sorts will provide you with an abundance of bouquet flowers through the summer. 12 for \$1.00; 25 for \$1.75; 50 for \$3.00; 100 for \$5.85.

**ELIZABETH THE QUEEN**

An outstanding prize winning glad at the New England Gladiolus Show of 1945. Clean pink-lavender; beautifully ruffled. Florets large and many open at one time. See colored illustration on inside of back cover. Each 50c; Dozen \$5.00.



Greta Garbo

# WILL'S DAHLIAS



Rose Glory

SEPARATE TUBERS OF ABOVE VARIETIES, postpaid, 40c each; 6 for \$2.00. F.O.B. here, 35c each; 6 for \$1.75.

## CAPITAL DAHLIA MIXTURE

This is a fine selection of large dahlias which makes a brilliant array of color. This is your opportunity to get some fine named varieties of dahlias at a bargain price. Not labeled. Postpaid, 6 tubers for \$1.50. F.O.B. here, \$1.40.

## CANNA BULBS

Grow Cannas for a glorious border or bed that blooms until frost. These strong dormant roots give a variety of richly colored flowers and attractive tropical foliage. **Tubers, postpaid, 3 for 50c; 6 for 90c; 12 for \$1.75.**

**CITY OF PORTLAND.** 5 ft. A deep pink which does not fade. Foliage green. A fast grower and heavy bloomer.

**KING HUMBERT.** 4 ft. Large orange-scarlet flowers. Foliage is bronze; very broad and handsome.

**THE PRESIDENT.** 4½ ft. The most popular canna. Has enormous blooms of rich glowing scarlet.

**YELLOW KING HUMBERT.** 4 ft. Large deep yellow blooms with vermillion spots.

## Madeira Vine Bulbs

For this popular fast-growing climber with light green foliage, we recommend our large dry bulbs. **Postpaid, each, 15c; 3 for 40c; 12 for \$1.25.**



President Canna



Transplanted Cabbage Plants

## TRANSPLANTED VEGETABLE PLANTS

Our vegetable plants are grown from finest grade seed of varieties best adapted to the Northwest. We do not recommend shipping plants beyond the fourth zone (600 miles).

ON PLANT ORDERS LESS THAN 60c,  
ADD 15c FOR PACKING

45c per Dozen

\$2.25 per 100  
Postpaid

50c per Dozen

\$2.95 per 100  
Postpaid

**CABBAGE.** Early. Ready in April and May. Golden Acre, Copenhagen Market, Red Rock (red to center).

**CABBAGE.** Late. Ready in June. Danish Ballhead.

**CAULIFLOWER.** Ready in April and May. Super Snowball.

**CELERY.** Ready in June. Golden Self Blanching and Utah.

**EGG PLANT.** Ready in May and June. Black Beauty.

**GROUND CHERRY.** Ready in May and June.

**PEPPER.** Ready in May and June. King of the North, Ruby King.

**TOMATO.** Ready in May and June. Bison, Chatham, Firesteel, Red River, Victor, Yellow Pear.

No Sales Tax on Vegetable Plants.

# Pioneer Nursery of the Northwest

## BISMARCK NURSERY (ESTABLISHED 1882)

Oldest Nursery in North Dakota—Member American Association of Nurserymen

**NOTICE TO CUSTOMERS:** READ CAREFULLY. We use our utmost endeavors to see that all stock shipped out is true to name and of the quality represented or better. In event that goods upon receipt prove to be wrongly marked or inferior we shall be glad to refund customer's money or replace the stock as he may elect. We are not responsible for damage to goods in transit, therefore you must examine at the express or freight office, and have any damage noted upon your express or freight receipt. We are always glad to replace goods injured in transit, providing receipt showing damage is returned to us so that we may enter claim and reimburse ourselves.

We do not guarantee stock after delivery to transportation Co., but pack them just as well as we possibly can, and they are nearly always delivered in good condition.

**REPLACEMENT.** If stock arrives in good condition and our planting instructions are followed, we are willing to replace once any stock lost, at half price.

**TREES BY MAIL.** We can mail parcels up to 70 pounds. Where postage is not included, we will send stock C. O. D. to cover postage, you paying postage on receipt of trees.

**FALL PLANTING.** Peonies and other perennial flowers do exceptionally well when planted in Fall. Ask for special

Fall Price List. Can also supply trees, shrubs, etc., at current catalog prices in Fall.

**PLANTING INSTRUCTIONS.** Complete planting instructions will be enclosed with each order of nursery stock when shipped.

**SHIPPING.** Orders will be forwarded at our discretion and when we can ship. Orders are not taken for shipment on any special date unless specifically so acknowledged. Express is the safest and quickest way to ship. Prices are F. O. B. here, customers paying transportation unless postpaid prices are definitely quoted.

**CANADIAN ORDERS** must go by freight or express, and must be received by us before May 1st. Permit number must accompany order.

**VISITORS WELCOME.** We are always glad to conduct you personally through our nurseries. Call at office on Fourth street, or go south on Seventh street, which will bring you into the nurseries.

**CERTIFICATE OF EXAMINATION.** Our nurseries are inspected annually by the State Entomologist and his certificate accompanies each shipment.

### NORTH DAKOTA CUSTOMERS MUST PAY 2% SALES TAX ON NURSERY STOCK

Nursery Prices Marked Postpaid Apply to a Distance of Not Over 600 Miles or to no Zone Beyond the 4th

### HARDY SEEDLINGS FOR GROVES, SHELTER BELTS, WINDBREAKS, HEDGES

#### Green Ash—

	100	500	1000
12-18 in. ....	\$2.25	\$11.00	\$20.00
18-24 in. ....	3.00	15.00	29.00

#### Box Elder—

6-12 in. ....	2.00	10.00	19.00
12-18 in. ....	3.00	15.00	28.00

#### Cottonwood—

6-12 in. ....	.75	3.00	5.00
12-18 in. ....	1.00	3.75	7.00
18-24 in. ....	1.25	4.50	8.50

#### Diamond Willow—

.....	1.00	4.00	7.00
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#### Diamond Willow Cuttings ....

.75	2.50	4.50
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#### American Elm—

6-12 in. ....	2.00	8.00	15.00
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#### Siberian Elm—

	100	500	1000
12-18 in. ....	\$2.25	\$11.00	\$20.00
18-24 in. ....	2.50	12.50	24.00

#### Caragana—

12-18 in. ....	3.50	17.00	33.00
18-24 in. ....	5.00	24.00	

#### Russian Olive—

6-12 in. ....	3.00	14.00	27.00
12-18 in. ....	5.00	24.00	45.00

#### Buckthorn—

12-18 in. ....	5.00
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#### Plum Seedlings—

12-18 in. ....	5.00
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#### Sand Cherry Sdgs.—

6-12 in. ....	5.00
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For Shelter Belts and Windbreaks Plant About 800 Trees per Acre

### NUT BEARERS

**BLACK WALNUT** (*Juglans niger*). One of the few nut trees that we can grow in North Dakota and then only from hardiest stock. Price, 2 to 3 ft., 50c.

**HORSE CHESTNUT.** The truly hardy and beautiful Ohio Buckeye, grown by us for many years. Price, 18 to 24 in., 60c.

**HAZELNUT.** The only plant bearing edible nuts native to North Dakota. Found over most of the state and perfectly hardy. Ours are from both species, the *rostrata* and *americana*. These can not be distinguished except from the fruit. 4 to 6 ft. tall, forming a dense bush, the nuts hang on in clusters, are relatives of the filbert, edible and pleasant to eat. Foliage takes on a lovely yellow in fall. Price 2 to 3 ft., each, 40c; 12, \$4.00.

Horse Chestnut

Hazelnut

Black Walnut

# HARDY EVERGREENS

for the NORTHWEST

Bad Lands Cedar



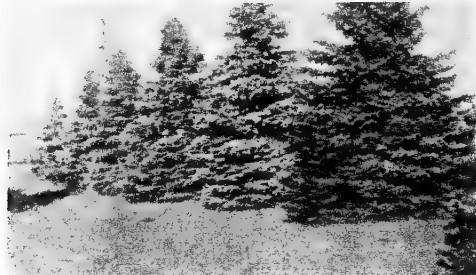
**N. D. BAD LANDS CEDAR** (*Juniperus scopulorum*). Our native type of the beautiful Rocky Mt. Juniper, with a large proportion of silver specimens. The hardiest evergreen under most severe conditions and very ornamental too. Price: 12 to 18 in. mudded, each, \$1.25; Bathed and burlaped, 18 to 24 in., each, \$1.75; 2 to 3 ft., each, \$3.00; 3 to 4 ft., each \$4.50.

**BAD LANDS TRAILING JUNIPER** (*Juniperus horizontalis*). Color, a lovely bluish silver in summer, bronze in winter. A beautiful ground cover. Very hardy. Seedling plants. Price: 12 to 15 in. spread, each, \$1.20; 10, \$10.00.

**BUSH JUNIPER** (*Juniperus communis*). A hardy native evergreen shrub outstanding for foundation planting and similar purposes. 1 to 2 ft. spread, each, \$2.00.

**SCOTCH PINE** (*Pinus sylvestris*). Ours are grown from hardy Finnish seed. A fast growing and very handsome pine, very cold resistant. 18 to 24 in., \$1.10.

**N. D. BULL PINE** (*Pinus scopulorum*). One of the handsomest, sturdiest and most lasting of all our native shade trees. Perfectly hardy, a native of our Bad Lands country where it climbs to the summits of the hills and buttes. 12 to 18 in., each, \$1.00; 18 to 24 in., each, \$1.75.



Black Hills Spruce

**Black Hills Spruce** (*Picea Albertiana*). Perhaps our most valuable evergreen for general planting in the Great Plains. A 30 ft. high shelter belt  $\frac{1}{4}$  mile long stands at the U. S. Great Plains Field Station at Mandan. Drouth resistant, cold resistant, sturdy and outstandingly ornamental is this grand tree. Price: 10 to 15 in., each, 75c; 18 to 24 in., each, \$2.00.



Colorado Spruce

**COLORADO BLUE SPRUCE** (*Picea pungens*). Not only the most beautiful of the spruces but one of the hardiest, being fully the equal of the Black Hills. Thrives in country wind-break or on town lawns. Transplanted stock. Price: 12 to 18 in., each, 80c; 5 for \$3.75; 18 to 24 in., each, \$2.25; 2 to 3 ft., each, \$4.00.

## BLACK HILLS SPRUCE (*Picea Al-*



Native Bush Juniper

## EVERGREEN SEEDLINGS

**COLORADO SPRUCE**. Fine healthy seedlings of this hardy evergreen in 4 to 6 in. size. Should be set out in a bed 10 to 12 in. apart each way for two years and then transplanted to a permanent location. Price, postpaid: 50 for \$3.50; 100 for \$6.00. F.O.B. here, 100 for \$5.50.

**BLACK HILLS SPRUCE**. Same size as above. Same price. **JUNIPERUS SCOPULORUM** (Bad Lands Cedar). 6 to 9 in. seedlings. Postpaid, 50 for \$5.00; 100, \$9.00. F.O.B. here, 100, \$8.00.



Trailing Juniper

## SHADE AND ORNAMENTAL TREES

**CHINESE or SIBERIAN ELM.** As a wood lot, shelter belt or grove tree and as a formal or natural hedge this tree has a very definite place in Northwestern planting. Drought resistant and rapid growing beyond almost any other sort. The occasional winter damage explains why we have steadily refused to recommend this tree as a street or lawn tree. In spite of the winter injury, which has occurred only once every 15 or 20 years, we still feel that this very fast growing and drouth resistant tree possesses great value in the Great Plains. Even if it has to be cut back to the ground it will recover in a year or so and produce more new growth than could be obtained in the same time by re-planting with any other tree. Price, 4 to 6 ft., each, 50c; 5 for \$2.25; 6 to 8 ft., each, 75c; 5 for \$3.50; 8 to 10 ft., each, \$1.25; 10 to 12 ft., each, \$2.00. For seedlings, see page 59.

**AMERICAN ELM (*Ulmus Americana*).** Our native white elm. Probably the most graceful and beautiful of our native trees. Excellent for farm planting in good soil as well as for lawn and boulevard. 3 to 4 ft., each, 40c; 4 to 6 ft., each, 70c; 6 to 8 ft. each, \$1.00; 8 to 10 ft., each, \$2.00. For seedlings, see page 59.



American Elm



Siberian Elm

**HACKBERRY (*Celtis occidentalis*).** One of the hardiest and handsomest of our native trees. Free from insect pests, well-shaped, it makes an ideal street tree. Price, 3 to 4 ft., each 50c; 5 for \$2.25; 8 to 10 ft., each, \$1.50; 5 for \$6.25.

**GREEN ASH.** Our native ash, drouth, cold, heat and alkali resistant. A fine timber tree. Ash fence posts rank at the top. Grows 1 to 3 ft. per year. For seedlings, see page 59. 3 to 4 ft., each, 35c; 10 for \$3.25; 4 to 6 ft., each, 50c; 10 for \$4.50; 6 to 8 ft., each, 75c; 5 for \$3.50.

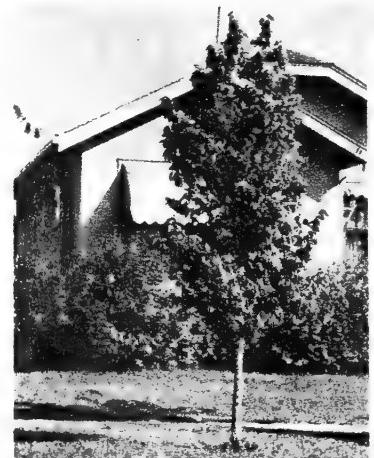
### MAPLE

**BOX ELDER or MANITOBA MAPLE.** Hardest of all the Maple family and our only native Maple. Prefers loam and heavier soils. A beautiful tree when properly trimmed and cared for. Seedlings on page 59. 4 to 6 ft., each, 45c; 5 for \$2.00; 6 to 8 ft., each, 60c; 5 for \$2.75.

**TARTARIAN MAPLE.** A handsome small tree with typical maple foliage, extremely hardy. Takes on gorgeous fall colors. 4 to 5 ft., each, 75c.



Cottonwood



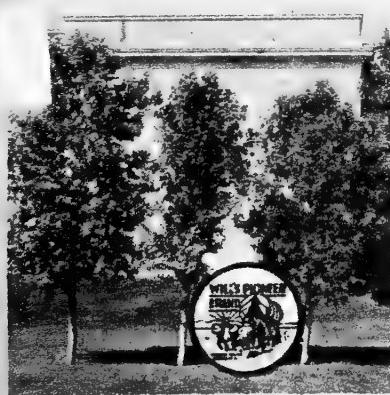
Hackberry

**NORTH DAKOTA COTTONWOOD (*Populus deltoides*).** The native cottonwood in spite of criticism and disparagement has definitely demonstrated in the past periods of extremely severe conditions that it is outstandingly the best shelter belt, windbreak and fuel-producing tree for the Northwest. We have been headquarters for cottonwoods for sixty years. Prices: for seedlings, see page 59. 3 to 4 ft., each, 15c; 10 for \$1.25; 4 to 5 ft., each, 30c; 5 for \$1.40; 6 to 8 ft., each, 50c; 10 for \$4.50; 8 to 10 ft., each, 75c.

**NORTHWEST POPLAR.** A very handsome, hardy and quick growing poplar native to N. D. Said to be a cross between Balm of Gilead and Cottonwood. Price, 3 to 4 ft., each, 25c; 10, \$2.10; 4 to 6 ft., each, 40c; 10, \$3.75.

**POPLAR, SILVER-LEAVED.** Smooth light bark, leaves dark green on top, silvery white beneath. Hardy and a rapid grower. Price, 3 to 4 ft., 60c; 5 for \$2.75.

**POPLAR, BOLLEANA.** One of the most beautiful of poplars, tall and upright like a Lombardy in habit. Very hardy. Silvery bark and silver lined, maple shaped leaves. Price, 4 to 5 ft., each, 75c; 5, \$3.50.



Northwest Poplar



Silver-Leaved Poplar



American Linden

**WILLOWS**

Caragana Pygmaea

mass of pink and white bloom in August and September. A highly esteemed new shrub. Very hardy and drouth resistant. 18 to 24 in., each, 50c; 5 for \$2.25.

**BUFFALO or BULLBERRY** (*Shepherdia argentea*). A lovely silvery shrub bearing masses of brilliant red berries in late summer and fall. A handsome ornamental up to 12 ft. tall, a compact, **handsome hedge plant**. 6 to 8 ft., each, 75c.

**SCHUBERT PURPLE LEAVED CHOKECERRY**. In this entirely new introduction we feel that we have a handsome plant to provide color contrast, which is also free from the winter damage that often affects the Purple Leaved Sand Cherry. Foliage is green at first and slowly turns purple, an outstanding addition. Each, 3 to 4 ft., \$1.50.

**CARAGANA FRUTEX**. Maximum size 4 to 6 ft., large single yellow flowers in May. Very handsome. 12 to 18 in., each, 40c.

**CARAGANA PYGMEA**. The very dwarf type with large yellow flowers in June. Seldom grows over 3 ft. high. Neat and regular habit. Our nearest shrub to the brooms and heaths. Price, each, 12 to 18 in., 30c; 10, \$2.75. 18 to 24 in., each, 40c; 10, \$3.75.

**HIGH BUSH CRANBERRY** (*Viburnum americana*). Native of North Dakota. Maximum height 5 to 6 ft. First cousin to the snowball. Flat clusters of white flowers. In the fall covered with bright red berries and brilliant foliage. Price, 18 to 24 in., each, 50c; 10, \$4.50.

**GOLDEN or BUFFALO Currant**. This lovely shrub with its bright yellow, fragrant flowers blooms in May. A native of our N. D. Bad Lands, very hardy. Maximum height 4 to 6 ft., fine fall colors. Does well in shady spots. Large black fruits make excellent preserve. Price, 2 to 3 ft., each, 40c; 10, \$3.50.

**MIXED TARTARIAN HONEYSUCKLE**

May flowering, very hardy, and striking. Shrub 5 to 8 ft. high, good as a hedge also. Blooms in pink, white and red. Extremely fragrant. 12 to 18 in., 30c; 10, \$2.75; 2 to 3 ft., each, 35c; 10, \$3.25.

**RED HONEYSUCKLE**. An all red selection. 18 to 24 in., each, 50c; 10, \$4.75; 2 to 3 ft., each, 60c.

**DWARF SIBERIAN FLOWERING ALMOND**. Hardy, bears lovely pink blossoms profusely in May—height 18 to 36 inches. One of our best dwarf shrubs for severe conditions. Fall colors brilliant. Price, 18 to 24 in., each, 40c; 10, \$3.75.



Hawthorn

**HAWTHORN** (*Crataegus*). Most effective and beautiful. A mass of white bloom in May and of bright red berries in August and September. Glossy leaves taking good fall colors. Max. height 8 to 10 ft. Its long thorns make it ideal for a hedge. Price, 3 to 4 ft., each, 60c; 5 for \$2.70.



Honeysuckle



Siberian Flowering Almond



Prunus Japonica

the modern hybrids. Each, 18 to 24 in., 75c.

**PRINSEPIA SINENSIS.** A very hardy Mongolian shrub. Bright green foliage, masses of yellow flowers early in spring followed by a purple, cherry like fruit. Very thorny. Each, 12-18 in., 50c.

**PRUNUS JAPONICA.** A shrub to 5 ft. tall, broad and graceful, white to pink flowers in early spring, followed in August by tremendous numbers of bright red fruits. 12 to 18 in., each, 40c; 5, \$1.75; 2 to 3 ft., each 70c.

**PRUNUS TRILOBA (Double flowering plum—Chinese Rose Tree).** Perhaps the loveliest of May blooming shrubs. Double pink blossoms an inch across come before the leaves. Price, 3 to 4 ft., each, \$1.00.



Prunus Triloba

**SNOWBALL (Viburnum Opulus sterilis).** The snowball with its gorgeous display of big, white flower clusters in May or early June is an old favorite. Price, 18 to 24 in., each, 70c.

**SHEEP BERRY (Viburnum lentago).** Flat clusters of small white flowers followed by black berries. Lovely shining leaves of dark green which become a rich red in the fall. Maximum height 8 to 12 ft. Price, 3 to 4 ft., each, 40c; 10, \$3.70.

**SMOOTH SUMAC.** A hardy native. Notable for its very handsome foliage, its dark red fruit clusters which persist and its brilliant fall colors. Maximum height 5 ft. Price, 18 to 24 in., each, 40c; 10, \$3.75.



Fragrant Sumac

#### MAY DAY TREE.

Earliest blooming of shrubs, it presents a cloud of graceful white sprays of cherrylike flowers to welcome the spring. Striking and beautiful. A Siberian species and very hardy. 3 to 4 ft., each, 75c.

#### PHILADELPHUS.

This beautiful, large, double-flowered syringa when planted in a protected spot is very satisfactory. One of the newest of



May Day Tree

#### POTENTILLA.

A mid summer blooming perennial 2 to 3 ft. tall when mature. Neat and compact. 18 to 24 in., each, 50c; 5 for \$2.25.

**RED DOGWOOD.** As a shrub or hedge the white flowers, bright red bark, white berries and fall leaf colors are all beautiful. Grows 4 to 5 ft. high. Price, 18 to 24 in., each, 40c; 10, \$3.75.

**PURPLE LEAVED SANDCHERRY—CISTENA.** Grows 3 to 4 ft. ft. high, spreading about the same. Foliage of a rich dark red, which makes a valuable contrast in shrub plantings. 3 to 4 ft., each, 90c.

**SILVERBERRY.** Valuable for contrast because of its silvery color. Height, 3 to 5 ft. Small very fragrant yellow blossoms in June. A native. Price, 3 to 4 ft., each, 50c.

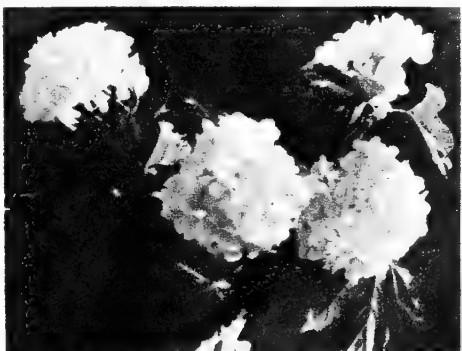


Prinsepia Sinensis

**FRAGRANT SUMAC.** A broad, dark leaved native with very fragrant leaves and many bright round red berries in the fall. Grows 4 to 6 ft. tall. Very hardy. 12 to 18 in., each, 30c; 5, \$1.40.

**TAMARIX (Dr. Yeager's hardy Amur).** 6 to 8 ft. max. height same breadth. Does not sap moisture from nearby plants. A feathery shrub with ever-green-like foliage bearing a dense mass of pink bloom in mid summer. Price, 18 to 24 in., each, 75c.

**WAHOO or BURNING BUSH.** An American shrub notable for the wonderful fall color effects of both fruit and foliage. We have a really hardy strain. 12 to 18 in., each, 75c.



Snowball

# L I L A C S



Hedin

## FRENCH HYBRIDS

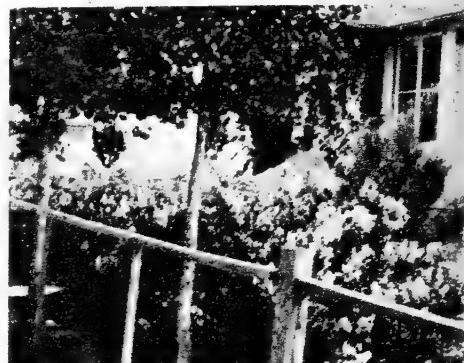
**CHARLES X.** Color between lilac and violet, clusters of tremendous size. May blooming French hybrid. One of the favorites. Price, 18 to 24 in., each, 80c.

**MADAME LEMOINE.** A pure white double French hybrid. May blooming. Price, 18 to 24 in., each, 80c.

**LUDWIG SPAETH.** A handsome single dark red of the French hybrid type. Blooms in May. Each, 90c.

**PRES. GREVY.** The best of the blues. A fine, large double. Blooms in May. Each, 90c.

**ONGO.** An extra large flowered lilac in a striking wine red color. May blooming. Each, 90c.



Charles X

**PURPLE LILAC.** The old favorite, one of the hardiest. Each, 18 to 24 in., 50c; 10, \$4.75.

**PERSIAN LILAC.** Gradually replacing the older type because of its regular blooming habit and the fact that it spreads very little. Blooms a week or two later than the common. Color more purplish than the common. Price, 18 to 24 in., each, 60c; 10, \$5.75.

**VILLOSA LILAC.** A rugged variety globular in shape. 6 to 7 ft. high with handsome foliage. A late bloomer, pale lavender pink flowers late in June. Price, 18 to 24 in., each, 60c; 5, \$2.90.

## HYBRIDS from CANADA

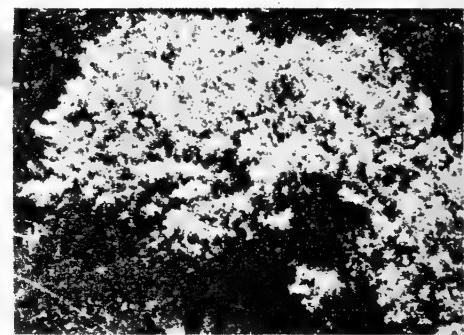
**HEDIN.** Large, loose and graceful panicles of white to pinkish white blossoms. Very fragrant. June blooming. Villosa hybrid. Blooms the end of June. Each, 3 to 4 ft., \$1.00.

**EXCELL.** Single mauve pink blossoms in large, heavy panicles. Comes into bloom at a very early age. Blooms in June. Each, 3 to 4 ft., \$1.00.

**NOKOMIS.** Large flowers of an attractive lilac color. Early May bloomer. A dilitata hybrid. Each, 18 to 24 in., \$1.00.

**ASSESSIPPI.** Another early blooming dilitata hybrid. Broad, purple flowers. Each, 18 to 24 in., \$1.00.

**MINNEHAHA.** An early blooming dilitata hybrid. Large single, purple flowers of excellent form. Each, \$1.00.



Purple Lilac

## SPIREA

**KOREAN SPIREA** (*Spirea trichocarpa*). Blooms after Van Houtte with larger flowers and heavier clusters. Hardiest of the type, graceful. A real addition to your planting. 2 to 3 ft., each, 50c; 5, \$2.25.

**BANKS OF SNOW SPIREA** (*Pekowiensis*). The earliest blooming spirea we have. Very hardy and drouth resistant. Great garlands of creamy white bloom in May. 18 to 24 in., each, 50c; 5 for \$2.25.

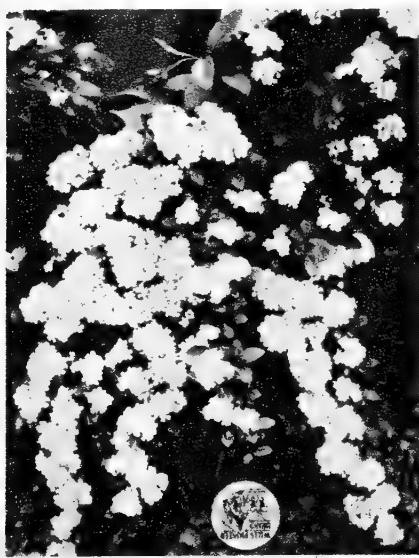
**VAN HOUTTE or BRIDAL WREATH.** This established favorite with its masses of white flowers in May needs no long description. 18 to 24 in., each, 40c; 10, \$3.75; 2 to 3 ft., each, 50c; 10, \$4.75.

**SORBARIA.** Foliage resembles Mt. Ash. Long feathery spikes of white bloom in July. Maximum height 4 to 6 ft. Blooms on new wood. Price, 18 to 24 in., each, 60c.

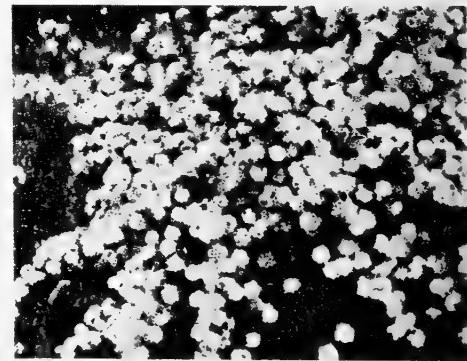
**FROEBELLI.** The best of the dwarf, late blooming spirea. Dark rose flower clusters in July and early August. Maximum height below 2 ft. Price, 12 to 18 in., each, 50c; 5, \$2.25.

**OPULIFOLIA** (Ninebark or Hardhack). One of the hardiest of the spirea family. Maximum height 4 to 5 ft. Clusters of white flowers in June followed by showy red seed pods. Price, 18 to 24 in., each, 60c.

**BILLARDI PINK.** This is an August blooming species, 36 in. maximum height, flowers in long spikes of rosy pink. Price, 18 to 24 in., each, 40c; 5, \$1.75.



Korean Spirea



Van Houtte

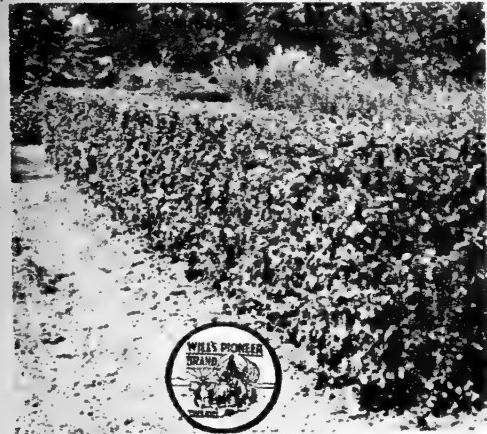
## HARDY HEDGE PLANTS

**SIBERIAN PEA** (*Caragana arborescens*). Makes a beautiful hedge, either trimmed or untrimmed, a perfect snow trap in the shelter belt. Highly drouth and cold resistant. In June covered with yellow flowers. **12 to 18 in., each, 10c; 10, 40c; 100, \$3.50; 18-24 in., each, 15c; 100, \$5.00.**

**RUSSIAN OLIVE** (*Elaeagnus angustifolia*). A thick growing, beautiful silvery hedge plant which withstands cold, drouth and alkali. Valuable as well in shelter belts and windbreaks. **12 to 18 in., each, 10c; 100, \$5.00.**



Russian Olive



Siberian Elm Hedge

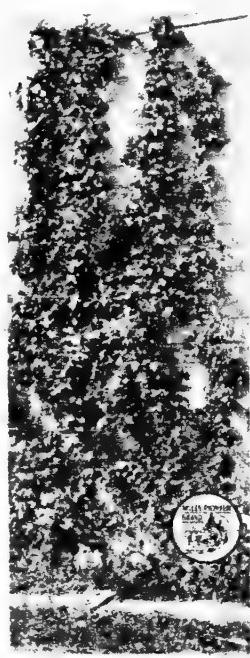
**HAWTHORN** (*Crataegus*). A thorny shrub with glistening leaves, white flowers and red fruits. **3 to 4 ft., each, 60c; doz., \$7.00.**

**COTONEASTER** (*Acutifolia*). Experts now recognize it as probably superior even to privet for a low hedge. Perfectly hardy, handsome, clean and trims very well. **Price, 12 to 18 in., each, 30c; 10, \$2.75.**

**BUCKTHORN**. A slow growing, very hardy and handsome hedge. Requires moisture and good soil. **12 to 18 in., each, 10c; 50, \$4.50. 4 to 5 ft., each, 40c; 10, \$3.50.**

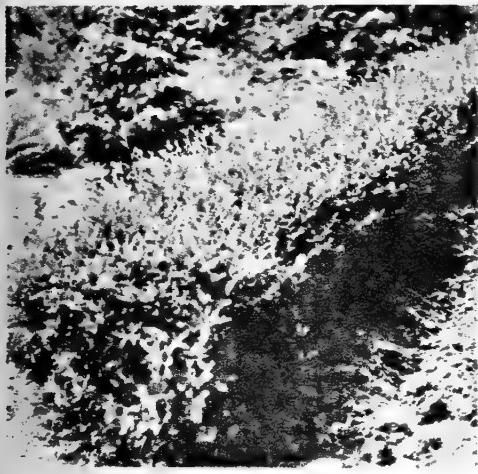
**SIBERIAN ELM**. **12 to 18 in., see page 59 for prices.**

**BAD LANDS CEDAR** (*Juniperus scopulorum*). The ideal evergreen hedge for the Northern plains. **6 to 9 in., sdgs., 25, \$2.50; 50, \$4.50; 100, \$8.00.**



Bad Lands Cedar

## ORNAMENTAL VINES



Pygmy Caragana

**WILD GRAPE**. One of the most handsome as well as useful vines. **Each, 40c; doz., \$4.00.**

**WOODBINE or VIRGINIA CREEPER**. The most popular porch vine in our list. Sometimes called 5-leaved ivy. **Price, each, 35c; 10 for \$3.25. Postpaid, each, 40c.**

**ENGELMANN'S CREEPER**. Resembles the woodbine, but has the added advantage of clinging tightly to brick, stone, concrete or stucco walls with no wires or other support. **Price, each, 40c; 10 for \$3.50. Postpaid, each, 45c.**

**MENISPERMUM**. A handsome, half woody climber whose handsome leaves resemble ivy. Does well in shade, prefers rich soil. Grows 10 ft. in a season and kills back part way. **Price, each, 30c; 5 for \$1.25. Postpaid, each, 35c.**

**CHINESE MATRIMONY VINE**. This is more of a trailing shrub than a climber. Useful on slopes, terraces and walls. Lavender flowers followed by bright red berries. Rapid grower. **Price, each, 25c; 10, \$2.00; Postpaid, each, 30c; 10, \$2.75.**

**BITTERSWEET**. A native of great hardiness. To assure berries several must be planted, as the plants are single sexed. Noted for the beautiful shape and color of the berries in fall. **Price, each, 50c; 5 for \$2.25. Postpaid, each, 55c.**



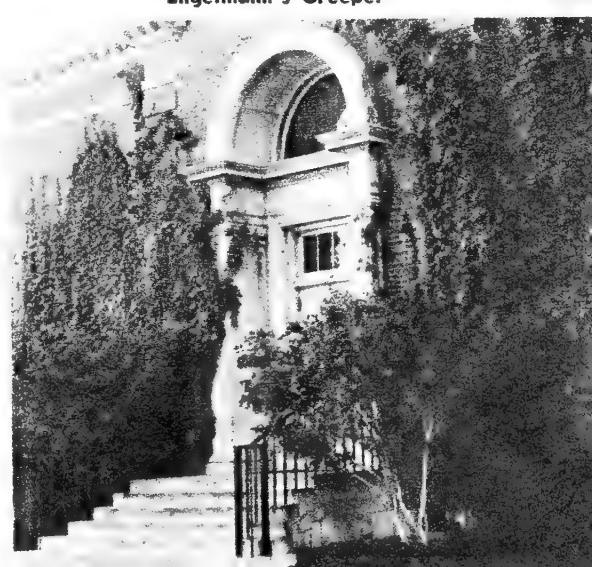
Woodbine or Virginia Creeper

**CLEMATIS, JACK-MANII — L A R G E FLOWERED PURPLE**. One of the most beautiful plants that can be grown in the north. Needs some protection but is worth it. **Price, each, \$1.00; 5 for \$4.00. Postpaid, each, \$1.10.**

**CLEMATIS, WHITE or VIRGIN'S BOWER**. Starry, white flowers in July, feathery plumes in late summer and fall. Handsome, showy and very fast grower. **Price, each, 45c; 10 for \$4.00. Postpaid, each, 50c.**

**NATIVE HOP VINE**. A fast growing ornamental perennial vine, growing 10 to 20 ft. in a season. Dies down to the ground over winter. **Price, each, 40c; 5 for \$1.75.**

Engelmann's Creeper



Menispernum



Hansa



Altaica Rose

**HANSA.** Hardiest of the class. Sturdy bushes; very dark red, double flowers continuously borne through the summer. A fine landscape rose. Each, 90c; 5 for \$4.25.

**SARAH VAN FLEET** produces large, very double flowers of an unusual pale pink shade. A strong bush with handsome foliage, 2 to 3 feet tall. Each, 90c.

**AMELIA GRAVEREAUX.** A smaller and more delicate plant. Flowers most double of the rugosa hybrids, bright red in color. Best of the class for cutting. Each, \$1.00.



Sir Thos. Lipton

**GRUSS AN TEPLITZ.** An extra hardy hybrid tea rose that has been sold under the names of Prairie Queen, Prairie King, etc. It requires a little winter protection, but can be cut back in the spring and blooms on new wood. Price, each, \$1.00.

**GROOTENDORST,** the Carnation Rose, is a continuous bloomer and represents a new type, a cross between rugosa and baby rambler. Red flowers are borne in clusters and resemble carnations in appearance. Each, 90c; 5 for \$4.25.

**BELLE POITEVINE** is a sturdy, strong growing pink rugosa hybrid, bearing large bright pink, very double flowers. Each, 90c.

## JUNE BLOOMING

**June blooming roses** are the hardiest of all and require no protection at all so far as the hardy varieties which we list are concerned.

**HARRISON'S YELLOW** is perhaps the best known and most common June bloomer. 5 to 6 ft. tall, it is a perfect mass of bright yellow, double roses, 1 to 2 inches across, for several weeks in mid-June. Each, \$1.00; 5 for \$4.50.

**AGNES.** The only yellow rugosa hybrid. Full double flowers of a lemon yellow color. 3 to 4 ft. tall, hardy, handsome. Each, \$1.00.

**ROSA ALTAICA.** A bush rose, 4 to 5 ft. tall bearing large single, cream white roses with yellow centers in incredible numbers. The blooms last for several weeks and are followed by dark purple, ornamental fruits. Price, each, \$1.00.

**DAKOTA PRAIRIE ROSE (rosa pratincola)** is North Dakota's state flower. A bush 1 to 2 ft. high bearing in profusion large single roses in color from very pale to rose pink. Bright with large scarlet roseberries later in the season. Each, 40c; 5 for \$1.75.



Harrison's Yellow

Agnes Rose

# FLOWERING PERENNIALS

## Really Hardy Fall Flowering Chrysanthemums

These extra hardy mums in a varied riot of colors have been secured by us from the Bureau of Plant Industry, U. S. D. A., from the Minn. Expr. Sta. and from Canada. As a foundation planting or border they bloom well into October after all other flowers are gone. Price, each, 40c; doz., \$4.00; postpaid, each, 45c; doz., \$4.50.

**PINK CUSHION.** A low, compact light pink from Canada. Outstanding among all these varieties for its perfect hemisphere of lovely pink blossoms in mid September.

**MANANTICO.** Dark rose pink, early.

**TETON.** Early single white.

**OGLALLA.** A tall, dark red, mid-season.

**ABSROKA.** Mid-season, large bronze yellow.

**RED WING.** Dwarf, handsome red, early.

**MOONGLOW.** Creamy yellow, early, dwarf.

**WINOOSKI.** Latest of all. Very profuse double white.

**MANDAN SELECTION.** A variegated light and dark pink. Very hand-some.

Fall flowering perennials such as Chrysanthemums and Asters must be planted in the spring.

## WE ARE OFFERING FOUR NEW MUMS FROM CHEYENNE

Each, 50c; doz., \$5.00. Postpaid, each, 55c; doz., \$5.50.

S-27. An early dwarf yellow cushion.

S-37. A dwarf cushion type in light bronze.

S-5. Large type, very early, bronze red. Outstanding.

S-19. Rose pink, yellow center, mid-season.

## PERENNIAL ASTERS

### Fall Blooming

**MRS. FANNY HEATH.** A late bloomer of the New England species and the most beautiful rose colored aster we have ever seen. Height 4 to 5 ft., flowers very numerous and large. Each, 50c; doz., \$5.00; postpaid, each, 55c; doz., \$5.50.

Prices of varieties listed below, each, 40c; doz., \$4.00; postpaid, each, 45c; doz., \$4.50.

**DAKOTA PINK.** A very hardy upland native with unusually large flowers. 1 to 2 ft., blooms in September.

**DAKOTA BLUE.** Same as the pink but with a clear blue color.

**GARLAND.** Blooms late August. Flowers in festoons of white on slender stems.

**SHADY PLACE (laevis).** 2 to 4 ft. Flowers light to dark blue. August blooming. Thrives in shade.

**GOLDEN (chrysopsis).** Bright masses of gold in August and September contrast in mixed plantings with the blues and pinks.

## DELPHINIUM

Prices unless otherwise quoted: Each, 35c; doz., \$3.50; postpaid, each, 40c; doz., \$4.00.

**NEW ZEALAND BLUE.** This lovely, dark blue delphinium came to us from a New Zealand gardener. It seldom exceeds 2 ft. in height, is bushy and literally covered with fine dark blue blossom in the regular chinensis type of spikes.

**NEW ZEALAND WHITE.** Of chinensis type like the above which it duplicates except for color.

**BELLADONNA.** 4 to 5 ft. Long spikes, pale blue flowers.

**BELLAMOSA.** The dark blue, slender type, 24 to 48 in.

**HYBRID.** Extra large, double, long spiky plants in various shades and tones. Each, 50c; postpaid, 55c.

## PERENNIAL PHLOX

### At Last—Really HARDY VARIETIES

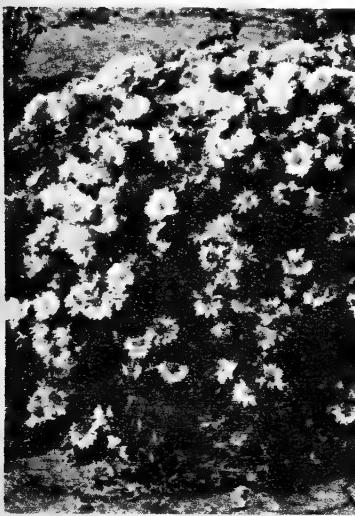
Price, 35c; doz., \$3.50; postpaid, each, 40c; doz., \$4.00.

**ADA BLACK JACK.** A Manitoba origination with the Pyramid & Bougenv. These three are the hardiest of all the family. A bright rose pink.

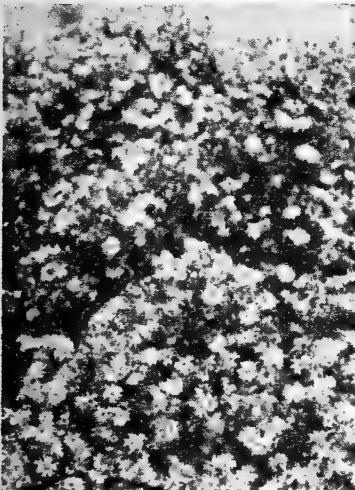
**PYRAMID WHITE.** Tremendous masses of pure white bloom.



Hardy Mums



Pink Cushion



Shady Place Aster



Pyramid Phlox

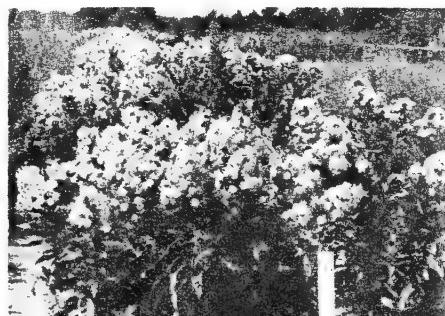


New Zealand Delphinium



Hybrid Delphinium

### Ada Black Jack Phlox



## HARDY PEONY ROOTS OF CHOICE VARIETIES



Felix Crousse

**FINE MIXED PEONY ROOTS**  
A mixture of good named varieties. Postpaid, each  
40c; 12 for \$4.00.

### REDS

- FELIX CROUSSE.** Blooms late mid-season; a bright rich ruby red—a heavy bloomer and excellent for cutting. Each, 90c; 5 for \$4.75; postpaid, each, **\$1.00**.
- KARL ROSENFIELD.** Early mid-season, dark red, rose type. Each, 90c; 5 for \$4.75; postpaid, each, **\$1.00**.
- MONS. MARTIN CAHUZAC.** Darkest in color of all peonies. A ring of golden stamens at the center cusp. Early. Each, **\$3.00**; postpaid, **\$3.20**.
- PHILIPPE RIVOIRE.** Most perfect of all red peonies. Late. Dark red, and very large. Each, **\$3.00**; postpaid, **\$3.20**.
- MARY BRAND.** Called one of the dozen best reds. Mid-season, rose type, heavy bloomer, dark. Each, **\$1.40**; postpaid, **\$1.50**.



### PINKS

- MADAME DUCEL.** Bright silvery pink with a salmon shading. Bomb type. Strong grower of dwarf habit. Free bloomer. Postpaid, 95c.
- MARTHA BULLOCH.** Very perfect flower. Soft rose pink. Tall, strong grower with very large blooms. One of the finest of pinks. Postpaid, each, **\$1.20**.
- THERÈSE.** Rating very high. A very brilliant shell pink. Mid-season bloomer, long lasting. Very large. Postpaid, each, **\$1.20**; 5 for **\$5.50**.
- MONS. JULES ELIE.** Light rose pink. Early, rose type. Largest flowers of all pink peonies, and very popular. Postpaid, each, **\$1.20**; 5 for **\$5.50**.
- SARAH BERNHARDT.** A large mid-season beauty, apple blossom pink. Postpaid, each, **\$1.20**; 5 for **\$5.75**.

### WHITES

- COURONNE D'OR.** A late bloomer. Bears very heavily; a beautiful white with a circle of golden stamens, and the latest peony to bloom—a perfect finish to the peony season. Postpaid, each, 75c; 5 for **\$3.50**.
- FESTIVA MAXIMA.** White. One of the largest of all peonies. Usually carries a crimson fleck at the center. Early rose type. Postpaid, each, 80c; 5 for **\$3.75**.

**FINEST MIXED IRIS**—Contains many outstanding varieties. The best mixture we have ever offered. Do not miss this bargain. Postpaid, each, **25c**; doz., **\$2.50**.

### TALL BEARDED IRIS

Prices unless otherwise quoted: postpaid, each, 40c; doz., **\$1.50**.

We are still basing our selected Iris list on the recommendations of our good Iris specialist friend, Rev. E. L. Jackson. According to his observations, this list is outstanding for hardiness, and also carefully selected for variety and beauty.

- ALINE.** A fine deep blue of great beauty.
- ANGELUS.** A huge new pink and lilac blend. Postpaid, each, 80c; doz., **\$9.25**.
- AMITOLA.** Delicate blend of pink and rose. Very unusual.
- ANITRA.** Large flowered and tall. A verbena violet or exquisite soft blue. Very fragrant.
- CHEERIO.** A bright sparkling red bi-color.
- CLARIBEL.** (J. Sass, 1936.) A large-flowered plicata, white standard edged with blue, tall with 40-inch stems. Postpaid, each, 50c; doz., **\$5.00**.
- CRYSTAL BEAUTY.** (J. Sass, 1935.) A large-flowered self of pure white. Tall, well branched.
- DEPUTE' NOMBLOT.** Rosy purple and garnet red. A giant in size and has been outstandingly hardy for the past 10 years.
- FLORA CAMPBELL.** A rather new, large and fine shaped Iris in glowing red brown and peach color. One of the Aristocrats. Postpaid, each, **\$2.00**.
- GOLDEN LIGHT.** A highly ruffled and very free flowering cinnamon-orange buff affair. It completely displaces the older Euphony, and can be had at a remarkably low price. Fine for cutting and for garden effect.
- IMPERIAL BLUSH.** (H. Sass, 1933.) The finest of the large frilled orchid pinks.

### INTERMEDIATE IRIS

Prices, unless otherwise quoted: Postpaid, each, 35c; doz., **\$3.25**.

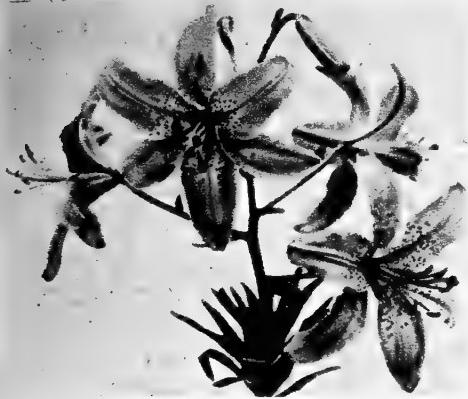
- These bloom about half way between the early dwarf and tall bearded sorts. Most autumn flowering varieties belong to this class.
- AUTUMN KING.** With us only occasionally blooms in the Fall, although we understand that in some localities it regularly blooms twice. It is a fine purple in color.
- WHITE AUTUMN KING.** A beautiful white intermediate that usually blooms well in the fall.

### DWARF EARLY IRIS

- AZUREA.** A skyblue dwarf pumila iris, sturdy, hardy, early. Postpaid, each, 25c; doz., **\$2.50**.
- DARK BLUE PUMILA.** A very handsome early dwarf Iris, 6 to 8 inches tall. Blooms in early May. Very hardy. Postpaid, each, 25c; doz., **\$2.50**.
- FAIRY.** Another lovely extra early iris, very hardy, a profuse bloomer, a fine pale blue in color. Postpaid, each, 25c; doz., **\$2.50**.
- FLORIDA.** A handsome yellow. Postpaid, each, 30c; doz., **\$3.20**.
- ELEANOR ROOSEVELT.** The best fall bloomer of recent years. Deep blue in color and of high quality.
- GOLDEN WEST.** Very large flowers of chrome yellow.
- RED ORCHID.** Color, a rich carmine violet.
- ZWANENBURG.** Crimson and maroon, a very heavy producer and very early.
- YLO.** A lovely, free blooming bright yellow variety to make up our color selection.

**WILD BLUE FLAG.** The small, hardy native iris of the north. Postpaid, each, 25c; dozen, **\$2.50**.

- EUROPEAN FLAG.** The tall, moisture-loving flag with pale yellow blossoms, very useful around a pool. Postpaid, each, 25c; doz., **\$2.50**.



Single Tiger Lily



Dauricum Lily

## LILIES

Prices, unless otherwise quoted; each 40c; dozen, \$4.00; postpaid, each 45c; dozen, \$4.50.

**DOUBLE TIGER LILY.** Lighter shades and more delicate blossoms than in the single. One to three weeks later. Same height.

**SINGLE TIGER LILY.** Blooms in late July. 2-4 feet.

**FORTUNEI TIGER LILY.** A later and taller form of the tiger lily. It grows 5 to 6 feet tall and blooms the latter part of August.

**BLACKBERRY LILY.** A small lily with mottled red flowers, 2 to 3 feet tall, foliage resembles iris. Blooms through July.

**DAURICUM OR CANDLESTICK LILY.** Grows 2 feet high, bears clusters of orange red flowers resembling the Elegans, but the plant is a trifle taller and later. The flowers larger.

**CORAL OR TENUIFOLIUM.** Blooms in May and June. Spikes 18 in. to 2 feet tall, bear numerous bright red flowers, facing down and with reflexed petals. Native of Siberia.

**GOLDEN GLEAM.** Derived from the Coral Lily which it resembles in every way except for its attractive orange color.

**ELEGANS or RED RUSSIAN.** An old fashioned favorite, 18 in. tall, with clusters of red bells turned to the sky. Blooms in June.

**PHILADELPHICUM HYBRID NO. 12.** One of F. L. Skinner's Flame Lily crosses from Canada. Very hardy; blooms in late June and July.

**PHILADELPHICUM OR WILD LILY.** A form of our native Flame Lily, from Canada, very hardy; blooms in late June and July, when they streak the low prairies with red splashes.

**DAVMOTTIAE.** One of the Canadian hybrids, 4 to 5 feet tall, with many blooms. Price, each, 45c, postpaid, 50c.

**MAXWILL.** One of Mr. Skinner's finest, for which he was recognized by the Royal Horticultural Society of London. Flowers nodding, like the Coral Lily on a very large scale; stalk 6 to 7 feet tall, covered with many of the large bells. Blooms in July. Postpaid, each, 75c.

**SKINNER'S AZALEA LILY.** One of his newest and finest. 26 to 30 in. high with massive clusters of apricot colored blossoms carried erect, 18 to 24 to the stalk. Each, 60c; postpaid, 70c.

**MARIPOSA LILY.** A native of the Dakota Bad Lands and the Rockies. Sometimes called Butterfly Lily or American Tulip. Blooms in early June. Lovely tulip-like white blooms with colored centers on waving stems 10 inches high.

**LILY OF THE VALLEY.** The outstanding early flower for very shady locations.

**DAY LILY.** We offer a mixture of extra hardy day lilies which have survived at our nursery for several years.

**AMABILE.** A Korean lily of the Turk's Cap type, June blooming, 3 to 4 feet tall.

**CONCOLOR.** Best of the hardy dwarf lilies, erect, star shaped flowers, 12 to 18 inches tall.

**SCOTTIAE.** A Skinner lily, 2 to 3 feet tall. Bright orange flowers facing outward, many to a stalk. Blooms in July.

Each, 65c; postpaid, each, 70c.

Philadelphicum No. 12



## Other Flowering Perennials

Prices unless otherwise quoted  
Each, 35c; dozen, \$3.50; Postpaid, each, 40c;  
dozen, \$4.00.

**ACHILLEA.** The Pearl. White, aster-like blooms. June-Sept. 18-in.

**BABY'S BREATH.** Standard. Feathery white, 18-24 in. Blooms all season.

**BRISTOL FAIRY.** Large double. Grafted roots. Each, 50c; postpaid, each, 57c.

**BLEEDING HEART.** Blooms in May. Each, 50c; postpaid, each, 57c.

**BOUNCING BET (Saponaria).** Pinkish white, 12-18 in., blooms all season. Resembles Phlox.

**CAMPANULA.** Rapunculoides. Blue Bell. 30 in. Blooms June and July.

**CLEMATIS.** Hybrid. An herbaceous clematis 18-24 in. high with masses of blue bell shaped flowers.

**COLUMBINE.** Canadensis. Red and yellow. Rocky Mountain. Lovely blue, blooms in June. 18 in.

Hybrid. Mrs. Scott Elliott hybrids in a variety of shades. Liberty Bell. A cream colored native of Montana.

**DAISY.** Shasta. Blooms from June till fall. 12 to 18 in.

**PAIN ED DAISY.** Blooms long and often. Various color shades.

**GIANT DAISY.** Late fall blooming. 4 ft. tall.

**DIANTHUS (Splendens).** The perennial pink.

**ERYNGIUM.** Sea Holly. 18 to 36 in. At blooming time the whole plant is blue.



**SIBERIAN SWEET PEA.** A rose purple flowered dwarf perennial that blooms over a long period.

**SIBERIAN LAVATERA.** 3 to 5 ft. A pink flowering hardy and long blooming perennial with a 3 foot spread.

**STATICE.** Resembles Baby's Breath but of a lavender color.

**SWEET WILLIAM.** An old favorite. Related to the pinks.

**TANSY.** Plover Head. Clear yellow flowers in clusters from July on. 2 to 4 ft. A medicinal herb.

**VERONICA SPICATA.** Long, graceful spikes of clear blue in July.

**CRIMSON YARROW.** Milfoil, in a dark red color. Hardy, showy. Blooms July and August.

**GAILLARDIA.** Blanket Flower. 12 to 18 in. Blooms all season.

**GOLDENGLOW.** Double.

**HOLLYHOCK.** We have a lovely selection of colors. Single and Double.

**LYCHNIS.** Perennial with the brightest of scarlet blossom clusters.

**LINARIA.** Butter and Eggs of old-fashioned gardens. Looks like a yellow and white snapdragon.

**LYTHRUM (Morden Pink).** See inside back cover for illustration. An all season lovely pink spike bearing perennial.

**PHYSOSTEGIA.** Tall stems topped by white snapdragon-like flowers blooming in August.

**PLATYCODON.** Chinese Bellflower. Comes in white. Blooms July and August. Ht. 18 to 30 in.

**ICELAND POPPY.** This hardy early spring and summer bloomer comes in whites, yellows and orange.

**POPPY MALLOW.** A low-growing plant of the ground cover type. Blooms most of the season. Flowers a handsome purple, large and poppy-like.

**SEDUM.** Acre. Very small leaved, low growing, yellow flowers.

**Spectabile.** Tallest of the group, 1 ft.

**Spirum.** Pink flowers. Ground cover.

Kamschatcianum. Yellow flowers.

Gallardia



Giant Daisy

## NATIVE PERENNIALS of the PLAINS & MOUNTAINS

Prices unless otherwise quoted: Each, 25c; doz., \$2.50; postpaid, each, 30c; doz., \$3.00.



Anemone



Flax



Gumbo Lily



Pasque Flower



Mertensia

**STANLEYA (Pinnata).** A very striking native from the Bad Lands. 2 to 3 ft. tall and covered with long, feathery yellow spikes in June and July.  
**SUNFLOWER MAXIMILIANII.** The tall perennial sunflower of the valleys and meadows. Resembles Golden Glow.  
**HERMOPSIS.** The common Yellow Sweet Pea of our western prairies. 6 to 12 in. Blooms in May.  
**YUCCA (Glauca)—SPANISH BAYONET.** Hardest of the sword plant family. Long silvery blades with a tall spike of large greenish white bells in July. Fine to group with cactus. Postpaid, each, 35c.

### VIOLETS

White. A native of the woods and thrives in shady places.  
 Blue Meadow. Does well in the open or in partial shade, but requires much moisture.  
 Yellow (Nuttall's). Native of the prairie hills and thrives under cultivation.  
 Bird's Foot. Loveliest of native violets with large blooms. Will thrive in well drained locations.

Pentstemon Grandiflorus



### PENTSTEMON

**GLABER.** 1 to 2 ft. tall. Blooms in June and thru July. The clearest of blues, flowers 1 inch across on long spikes.  
**GRANDIFLORUS.** 18 to 24 in. tall. Blooms in late June. A tall spike of lavender bellis an inch across and of tremendous attractiveness.  
**DWARF BLUE (Nitidus).** The deepest blue of the group. 6 to 12 inches tall. Blooms in May and early June.  
**MISSOULIENSIS.** A very dwarf vivid blue flower, even smaller than Nitidus. Each plant bears a whole cluster of flower stalks. From the Rocky Mountains.  
**ANGUSTIFOLIUS.** 12 to 18 in. tall, bright blue spikes with flowers crowded on them. Blooms in June.  
**CRISTATUS.** A low growing, profuse blooming drouth resistant sort. Lavender bellis in large size.  
**GRACILIS.** A slender, large flowered sort of purple-lavender color, graceful shape.

### DAKOTA CACTI

Postpaid, each, 30c; dozen, \$3.00  
**OPUNTIA POLYCANTHA.** With the lovely lemon to orange clusters of flowers in July. The common prickly pear.  
**OPUNTIA HUMIFUSA.** Like the above but with heavier joints and longer white spines. Yellowish green flowers, red fruits.  
**OPUNTIA FRAGILIS.** With slender joints and more delicate spines. Pale yellow flowers.  
**MAMILLARIA VIVIPARA.** The pin-cushion cactus with the rose colored flowers.  
**IMBRICATA.** A tall growing cactus with purple flowers, from the foot hill country.  
**OPUNTIA RUTILLA.** Resembles prickly pear, bears carmine flowers instead of yellow.  
**ECHINOCEREUS VIRIDIFLORUS.** The only northern representative of the cylindrical cactus. 3 to 7 in. tall. Flowers greenish in color.

## RED and BLACK RASPBERRIES



Chief



Mrs. Heath

**RUDDY.** Dr. Yeager's hardy and heaviest bearing of all raspberries. A cross between black and red varieties. Color a handsome purple. Vigorous foliage, large and uniform fruits. **Each, 20c; doz., \$2.00; postpaid, each 23c; doz., \$2.25.**

**CHIEF.** Hardest of the Minn. Fruit Breeding Farm varieties. A fine colored red raspberry with large and uniform fruit. Very heavy yielding, strong and healthy. **Doz., \$1.50; 50, \$6.00; postpaid, doz., \$1.60; 50, \$6.25.**

**LATHAM.** An outstanding commercial berry from the Minn. Fruit Breeding Farm. Does well under more favorable conditions. **Doz., \$1.50; 50, \$6.00; postpaid, doz., \$1.60.**

**SUNBEAM RASPBERRY.** We have at last worked up a stock of this old favorite from the plant laboratory of Prof. N. E. Hansen. **Price: Each, 30c; doz., \$3.00; postpaid, each, 35c; doz., \$3.25.**

**MRS. HEATH BLACK RASPBERRY.** A native collected by Mrs. Heath and perfectly hardy. A very prolific bearer and of excellent quality. **Price: Each, 30c; doz., \$3.00; postpaid, each, 35c; doz., \$3.25.**

**SUNRISE.** A hardy, new raspberry from the Dept. of Agriculture. 10 days earlier than Latham, high quality, a good yielder. **Price each, 30c; doz., \$1.75; postpaid, each, 33c; doz., \$1.90.**

**NOTE:** Currants and Gooseberries of all kinds will be shipped only into the states of North Dakota, South Dakota, Nebraska, Kansas, Wyoming and those parts of Montana and Minnesota not barred by Federal Quarantine. Orders from other states cannot be filled.



Ruddy

## CURRANTS

**RED LAKE.** This variety from the Minn. Fruit Breeding Farm is generally conceded to be the greatest improvement among currant varieties that has been brought out in the past 30 years. Hardy, highest quality, very prolific. **The best red currant in existence.** **Price: Each, 40c; doz., \$4.00; postpaid, each, 50c; doz., \$5.00.**



Red Lake

**WHITE GRAPE.** A clear, translucent white currant—sweetest of all the currant varieties. Fruit is large as are the clusters. A steady annual bearer. Hardy. **Each, 50c; doz., \$5.50; postpaid, each 60c; doz., \$6.00.**

**NATIVE BLACK.** Transplanted, nursery grown stock of this hardy native. Black fruits in clusters. Excellent for jam and jelly. Also an ornamental of some value. **Price: 18 to 24 in., each 20c; doz., \$2.00; postpaid, each, 25c; doz., \$2.25; 2 to 3 ft., each, 35c; doz., \$3.50.**

**GOLDEN CurrANT.** A handsome yellow flowered ornamental. Equally valuable for its large fruit which makes excellent jam and jelly. **Price: 2 to 3 ft., each, 40c; 10, \$3.50; postpaid, each, 45c.**

## GOOSEBERRIES



Pixwell

**PIXWELL.** One of Professor Yeager's wonderful productions. A cross between a native wild selection and a high quality cultivated sort. The berries are very large. The plants rapid growing and vigorous. A heavy bearer. Fruit on long stems and bushes sparse in thorns, hence they are very easy to pick. **Price: Each, 75c; doz., \$8.00; postpaid, each, 80c; 10, \$8.50.**

**NATIVE WILD.** Useful especially as an ornamental, but valuable also for the considerable quantity of fruit produced. It is the first plant to leaf out in the spring when its new vivid green leaves herald the season. Turns bronze red in fall. **Each 35c; doz., \$3.50; postpaid, each, 40c; doz., \$4.00.**

**ABUNDANCE.** A very heavy bearing variety from the same breeding as Pixwell, one of Yeager's productions. **Each, 90c; doz., \$9.00. Postpaid, each, 95c.**

**SASKATOON—JUNEBERRY—SERVICE BERRY—WESTERN JUNEBERRY.** These are all names for the same delicious

native fruit. One of our finest wild fruits which improves greatly under cultivation. Useful also as an ornamental shrub. **Each, 18 to 24 in., 50c; 10, \$4.50.**

# STRAWBERRIES

We are pricing strawberry plants only at postpaid prices. All orders for them will be shipped separately as we cannot usually start shipping them till nearly May first, and the plants are likely to be damaged if packed in with other goods.

**PROGRESSIVE.** We still feel that this is one of the best everbearing strawberries available for the Northwest. It is very hardy, productive and of delicious quality. Most of the newer sorts winterkill badly. Price: 25, \$1.00; 50, \$1.80; 100, \$3.50.

**Gem.** This everbearing variety has been growing in favor on account of its hardiness, quality and heavy bearing so that we have decided to list it. We have not tried it for any long period as yet. Prices same as for Progressive.

**DUNLAP.** We have found the Dunlap to be the best all-around June-bearing variety for our climate. The fruit is borne bounteously, and the berries are regular in shape and delicious in quality. They are large, bright red, and good keepers. Excellent for canning. Price: 25, 90c; 50, \$1.50; 100, \$2.50; 1,000, \$22.00.

**CHEYENNE NOS. 1 and 2.** Two new very hardy high quality heavy bearers from the U. S. Plains Exper. Sta. at Cheyenne, Wyo. June bearing type; No. 1 is very early, No. 2 comes about 10 days later. Bred from the native wild strawberry. Price, 1 doz., 80c.



Native Wild Grape



Progressive

# GRAPES

**NATIVE WILD (Vitis riparia).** To insure fruit several should be planted as each plant is of a single sex. A fast grower, valuable as an ornamental climber, noted for the wonderful fragrance of its blossoms in June, and for the value of the fruit for jams, jellies and grape juice. 2 yr. plants. Each, 30c; doz., \$2.50, postpaid, each, 35c; doz., \$3.00.

**BETA.** One of several hybrids between Concord and the wild grape, produced in Minnesota a number of years ago. The hardiest tame grapes so far introduced—the fruit is blue-black, of medium size, with a pleasant, aromatic flavor. Should be planted only in sheltered spots where they bear well. Fruit ripens the last of August. Price: Strong plants, each, 35c; doz., \$3.50; postpaid, each, 40c; doz., \$4.00.

**ALPHA.** A sister of the Beta which it very closely resembles. Possibly a little better adapted to the heavy black soils. Fruit is perhaps a little sweeter. Size a trifle smaller than the Concord. Each, 35c; doz., \$3.50; postpaid, each, 40c; doz., \$4.00.



Beta Grape

# EDIBLE AND USEFUL PERENNIALS

**MCDONALD RHUBARB.** Very large and prolific, practically without seed stalks, makes pink sauce, fine flavored. Each, 35c; doz., \$3.50; postpaid, each, 45c; doz., \$4.50.

**CHIPMAN'S CANADA RED RHUBARB.** The best rhubarb of all the good Canadian varieties. One of the productions of the famous Canadian plant breeder, G. F. Chipman. Stems dark red clear to the heart. As sturdy and prolific as McDonald, seedless. Produces the sweetest, finest flavored and most beautiful red sauce for dessert or in pies and shortcakes. Each, 90c; 5 for \$4.25; each, \$1.00, postpaid; 5 for \$4.50.

**VALENTINE.** Outstandingly the best rhubarb we have ever seen. A Canadian sort that rated highest in Canadian tests. Best flavor, fewest seed stalks and largest of the red sauce producers. Each, \$2.00, or Postpaid, \$2.15.

McDonald Rhubarb

**MINT.** Spearmint, the mint of mint juleps. Easily grown in every garden. Postpaid, each, 20c; doz., \$2.00.

**BOHEMIAN HORSERADISH.** The best cultivated variety. Doz., 30c; postpaid, doz., 35c.

**ASPARAGUS—MARY WASHINGTON.** F. O. B. here, doz., 50c; 50, \$1.75; 100, \$3.25; Postpaid, doz., 55c; 50, \$1.85; 100, \$3.50.

**CHIVES (Schnittlauch).** Grass onion. An ornamental with balls of blue blossoms—foliage very useful for flavoring. Each, 25c; doz., \$2.50; postpaid, each, 28c; doz., \$2.80.



Haralson

# HARDY APPLE TREES

All authorities on Great Plains Horticulture recommend planting only young stock such as we offer because it establishes itself much more quickly and easily and there is likely to be less loss. Remember that our apples are grafted and budded on the hardiest apple roots in the world.

**HARALSON.** A real winter apple, hardy enough for the Northwest. A Minn. Fruit Breeding Farm production. A strong grower, resistant to fire blight, bears early and yet the fruit keeps in good condition till spring. Apples are large and deep red, flavor excellent. Has proven very hardy. 3 to 4 ft., each, \$1.10; 5 for \$5.00.

**BREAKY.** Another fine and very hardy apple from the Dominion Station at Morden. Medium in size; color, amber. Mostly covered with scarlet, striped. A delicious dessert apple from September to December, very juicy. An ornamental also with very large blossoms, 3 to 4 ft., each, \$1.00; 5 for \$4.75.

**YEAGER SWEET.** This Apple, previously listed as a Crab (N. D. No. 6) has been placed after a conference with horticulturists among the real apples. It is 2 to 2 1/2 in. in diameter. It has exactly the flavor of the old-fashioned sweet apple, flesh is of fine texture, and the apples ripen early. Its value is recognized more and more every year. 3 to 4 ft., each, \$1.10; 5 for \$5.00.

**LONGFIELD.** The best dessert fruit of all the many Russian apples. Extremely hardy. Trees small, compact and productive. 3 to 4 ft., each, \$1.00; 5 for \$4.75.



Red Duchess

**MANTET.** This is an introduction from the Dominion Horticultural Station at Morden, Manitoba, and a result of some of their extensive fruit breeding work. Mantet is to all intents an early, hardy McIntosh with the same deep red color. Ripens with the Duchess and is at its best till October. Sturdy trees and heavy bearing. 3 to 4 ft., each \$1.00; 5 for \$4.75.

**HIBERNAL.** A very hardy sort of poor quality but very good for topworking. 3 to 4 ft., each \$1.00.

**RED DUCHESS.** This is much like the common Duchess but with a handsome red color, and of somewhat better quality. Early. 3 to 4 ft., each, \$1.00; 5 for \$4.75.

**ANOKA.** The earliest bearing of all large apples. Begins to fruit the year after it is planted and bears regularly thereafter. Should be replaced every 5 to 10 years as it is not long lived.

Fruit resembles the Duchess. Hardy under severe conditions. A production of Dr. N. E. Hansen. Each, 3 to 4 ft., \$1.00; 5 for \$4.75.

**ERICKSON.** This is one of the best apples of Russian origin. Exceptionally large in size, it is also of fine flavor. Season somewhat longer than that of Duchess, it is of a beautiful and uniform red color when fully ripe. Season Sept. to Nov. Price, 3 to 4 ft., each, \$1.00; 5 for \$4.75.

**WEALTHY.** Keeps till January and is ready to use by October. A Minnesota variety which has become a universal favorite. Tree of good habit, hardy, blight resistant. Bears many large dark red apples with crisp, sub-acid white flesh tinged with pink. Not as hardy as some of the new sorts but safe over most of the Northwest. 3 to 4 ft., each, \$1.00; 5 for \$4.75.



Yeager Sweet



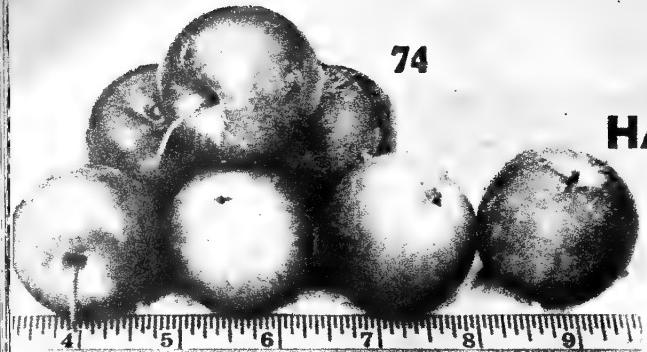
Anoka

## HARDY PEARS

We have one of the hardest of pears. Small but of excellent flavor and quality and has proved hardy in Manitoba. 3 to 4 ft., each, \$1.50.



## HARDY AND PROLIFIC CRAB APPLES



Red River

wonderful quality and flavor as an eating apple. A late large crab, round to oval; bright red skin, solid flesh of good color. A long keeper. 3 to 4 ft. Each, \$1.00; 5 for \$4.75.



Golden Anniversary

**FLORENCE.** A Minnesota variety, which has proven particularly hardy in the Great Plains. A fine, handsome tree with heavy crops of beautiful, round medium sized crab apples of very good flavor. 3 to 4 ft. Each \$1.00; 5 for \$4.50.

**GOLDEN ANNIVERSARY.** A seedling that appeared at our nursery some years ago. A very large, fine flavored crab, yellow with red blush. Very hardy. 3 to 4 ft. Each, \$1.00; 5 for \$4.50.

**SIBERIAN CRAB.** Perhaps the hardest of all crabs and an annual bearer. Sturdy handsome tree. A heavy yielder of small yellow fruits. 3 to 4 ft. Each, \$1.00; 5 for \$4.50.

**MARTHA-DOLGO.** A new cross between Dolgo and the large Crab, Martha. Has all the good qualities of Dolgo, is larger and better flavored. 3 to 4 ft. Each \$1.00; 5 for \$4.75.



Siberian Crab

**WHITNEY.** One of the largest and best flavored crabs for eating from the hand. Matures late August and possesses nearly all the qualifications for a perfect crab. Bears rather lightly on the Great Plains except in a favorable year. A fine shaped, upright tree of great sturdiness. An excellent pie apple. 3 to 4 ft. Each \$1.00; 5 for \$4.50.

**DOLGO.** Dr. N. E. Hansen's wonderful production. Outstanding for hardiness, for ornamental value and for fruit. A sturdy, upright tree. A heavy bearer. Fruit of a very bright red color, somewhat oval, medium in size. Matures in September. 3 to 4 ft. Each, \$1.00; 5 for \$4.50.

## ORNAMENTAL FLOWERING CRABS

These are all perfectly hardy and not even the famous Japanese Cherries of Washington, D. C., can equal them in their beauty, which persists throughout the season in fruit and foliage.

**PYRUS BACCATA.** The Siberian cherry apple. Hardest of the apple family. A handsome ornamental and useful as a root stock for more tender sorts. White to pink flowers in masses. Makes good jelly. 3 to 4 ft. Each, 60¢; 5 for \$2.75.

**HOPA.** Dark red flowers, fruit and foliage. From Dr. Hansen. 3 to 4 ft. Each \$1.00.

**SCUGOG.** A beautiful Canadian crab with very large bright red flowers and good-sized fruit with pink flesh. 3 to 4 ft. Each \$1.40.

**PINK EYE.** Large pink flowers, with good sized red fruits, colored to the heart of the apple. Excellent for jams, etc. 3 to 4 ft. Each \$1.00.

**RED FLESH.** Pink flowers, reddish foliage, dark red fruits with red flesh. 3 to 4 ft. Each \$1.00.



Dolgo



Florence



Ornamental Crabs

# CHERRIES and CHERRY HYBRIDS

**SAND CHERRY** (*Prunus besseyi*). The native bush cherry of the Great Plains. Fruit almost the size of a sour cherry, black and often very fine flavored. Always good in jam and jelly. A low bush, may be planted 3 to 4 ft. apart and will produce a tremendous quantity of fruit. **18 to 24 in.**, each, 50c; 5 for \$2.25; **2 to 3 ft.**, each, 75c; 5 for \$3.50; seedlings, each, 20c; **10**, \$1.75.

**WESTERN CHOKECHERRY** (*Prunus melanocarpa*). Larger and sweeter than the eastern chokecherry. A tremendous bearer. One of our very hardiest natives, useful as an ornamental, in shelter belts and for its fruit which makes perhaps the most delicious of all jellies and syrups. It is becoming more valued and appreciated yearly. **12 to 18 in.**, each, 40c; **10**, \$3.00.



Compass

**TOM THUMB**. A bush cherry with red flesh and pleasant flavor. Grows 3 to 5 ft. tall. From Dr. N. E. Hansen. A favorite in Canada, very hardy. **3 to 4 ft.**, Each, \$1.00; **5**, \$4.50.

*I have used your garden seeds for about ten years, and find them very successful. Albert Singiel, Rochester, Minn., R. No. 4.*

Sand Cherry or  
Bush Cherry

## CHERRY HYBRIDS

**COMPASS**. The oldest and best known of the sand cherry hybrids. Ripens late July or August. Fruit bright red when mature, nearly an inch long, oval, pleasant to eat fresh; unrivaled for sauce, jelly or jam. • Hardy throughout the whole Northwest. **3 to 4 ft.**, each, \$1.20.

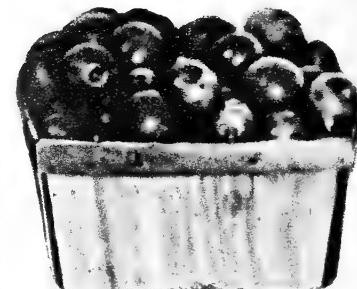


Oka

**OKA**. Another Hansen fruit. A fine large cherry, borne on a tree instead of a bush. Quite variable in performance, depending on local conditions. At its best it is perhaps the finest of the type. The fruit is very large for a cherry, a rich purple in color, skin thin, flesh red, delicious flavor. Fruit hangs to tree and cures there like a dried prune. **3 to 4 ft.**, each, \$1.00; **5** for \$4.75.

**COOPER**. A Compass seedling from Prof. Yeager with somewhat larger size and nearly round, pink in color it resembles a sweet white cherry when cooked more than any other hardy sort. **3 to 4 ft.**, each, \$1.20.

*I received my Lilac and Plum in perfect condition. I have bought nursery stock from other firms in the past at much higher prices, but your stock is far superior in quality to many. I only regret that I was not on your mailing list sooner, and you may rest assured that I shall recommend your firm to my friends. Mrs. A. G. Kalvin, Box 316, Lake Orion, Mich.*



Compass



Tom Thumb

## ORNAMENTAL CHERRIES

**PURPLE LEAVED SANDCHERRY—CISTENA**. Grows 3 to 4 ft. high, spreading about the same. Foliage of a rich dark red, which makes a valuable contrast in shrub plantings. **2 to 3 ft.**, each, 75c; 5 for \$3.50.



Prunus Japonica

**PRUNUS JAPONICA**. A shrub to 5 ft. tall, broad and graceful, white to pink flowers in early spring, followed in August by tremendous numbers of bright red fruits. **18 to 24 in.**, each, 40c; **5** for \$1.75.

**NANKING CHERRY**. A beautiful ornamental. A delicious fruit. We have a limited number of Minn. Fruit Breeding Sta. selections, picked for yield and quality of fruit. Each, \$1.00.

*I was very much pleased with the apple trees I got last year. They made a good growth last summer and last fall I put a fence around to protect them from rabbits. Bennie Hafstad, Madison, Minn.*

# PLUMS and PLUM HYBRIDS

**Plant Several Types Together or Plant with Cherries to Insure Pollination**



Wild Plum

Very heavy sales last spring and shortage of skilled help has led to an extreme shortage of fruit trees and particularly plums and cherries. Our list is short and no other varieties will be available till the fall of 1947.



Opata

**WILD PLUM.** This hardy native is rapidly acquiring popularity for its value as a shelter belt tree as well as an ornamental and a producer of fruit. We offer very thrifty stock from native seed. Wonderful for sauce, jam and jelly. **2 to 3 ft., each, 40c; 10, \$3.50; 3 to 4 ft., each, 60c; 10, \$5.00.** See page 59 for seedlings.



Tecumseh

**OPATA.** A cross between sandcherry and Gold Plum by Dr. N. E. Hansen. The most widely used of the Hansen Hybrids. Head low, trim out old wood as it bears on the new wood. A round fruit 1 to 1 1/2 in. in diameter, with green flesh. A very nice flavor and wonderful for canning. Ripens in early August. **3 to 4 ft. Price, each, \$1.00; 5 for \$4.50.**

**TECUMSEH.** Professor Patterson of the University of Saskatchewan Horticultural Dept. says, "It is a high class plum with considerable promise for the north." One of Dr. Hansen's productions. Very good at Mandan. **3 to 4 ft., each, \$1.20.**

**DURA.** The Dominion authorities have so named the fine P-4A-18 Sapa seedling in recognition of its long lasting qualities after it is ripe. A beautiful fruit; bears tremendous crops of large mottled plums with rich dark purple flesh and very small pits. A week or more later than Sapa. Fruit hangs to the tree for a long time, and shrivels without spoiling. **3 to 4 ft., each, \$1.20.**



Dura

**BOUNTY.** A Canadian cross with prunus nigra blood. Large, quality good. Extremely hardy. **3 to 4 ft., each, \$1.20.**

**UNDERWOOD.** Many of the Minnesota plums are not adapted to the Great Plains. Long trials of Underwood, however, have sufficed to prove its hardiness. In flavor it equals the Japanese plums, size is intermediate, trees strong and thrifty and bear annually. Fruit is dark red and sweet, ripens in late August, and is an excellent keeper. **3 to 4 ft., each, \$1.20; 5 for \$5.00.**

**RADISSON.** Another extra hardy Minnesota plum. An early variety, fairly large, with good tree form. Fruit is a handsome red and the quality very high. **3 to 4 ft., each, \$1.00; 5 for \$4.75.**

**RED COAT.** This variety has stood up remarkably well in the dry area during the past few severe years. It is a very large fruited plum. Fruit is firm, sweet and of good quality. Color is a bright red. Mid-season bearer. **3 to 4 ft., each, \$1.20.**

**WANETA.** Apparently the hardiest of the extra large size plums. The largest of Dr. Hansen's productions. A heavy bearer of very large, good quality fruit. Very drouth resistant. Ripens in midseason. The best large plum for the Great Plains. **3 to 4 ft., each, \$1.20.**

## HARDY APRICOT

**MANCHURIAN.** A very hardy North Asiatic apricot. Fruit about 1 inch long, stone small, flesh sweet and pleasing, parent of the hardiest named varieties and pollinizes for them, but a useful fruit in itself. **2 to 3 ft., each, 50c; 5, \$2.25.**



Bounty

## CHOICE SEED POTATOES

**Prices subject to change. Write for our Blue Price List and Prices on Larger Lots**

**TRIUMPH.** An early, round red potato much sought in the south for winter growing. Uniform in size and shape and a very heavy yielder. F. O. B. here, pk., 90c;  $\frac{1}{2}$  bu., \$1.50; bu., \$2.50; 100 lbs., \$4.10

**WARBA.** A cross between Triumph and a Minnesota seedling. Round white, with pink eyes. Early and a very heavy yielder. Resistant to mosaic and hot, dry weather. Price F. O. B. here, 1 pk., 90c;  $\frac{1}{2}$  bu., \$1.50; bu., \$2.50; 100 lbs., \$4.10.

**EARLY OHIO.** The old favorite. Stands more drouth and hot weather than any sort we know. F. O. B. here, pk., 90c;  $\frac{1}{2}$  bu., \$1.50; bu., \$2.75; 100 lbs., \$4.50.

**EARLY IDAHO.** (Earliest of All.) Once more we are able to offer this specialty of ours. A medium size, pink, oblong potato ripening in a compact mass in the hill. Matures in 60 days. F. O. B. here, pk., \$1.00;  $\frac{1}{2}$  bu., \$1.75; bu., \$3.00.

**IRISH COBBLER.** A medium late or main crop sort. Yields very heavily under good conditions. A round, flattened potato of large size with many to the hill. F. O. B. here, pk., 90c;  $\frac{1}{2}$  bu., \$1.50; bu., \$2.50; 100 lbs., \$4.10.

**CHIPPEWA.** Probably the best quality and heaviest yielding of the medium late white potatoes. F. O. B. here 1 pk., \$1.00;  $\frac{1}{2}$  bu., \$1.50; bu., \$2.75; 100 lbs., \$4.50.

**ARCTIC WHITE.** A very heavy yielding mid-season white potato which originated at the Alaska Experiment Sta. F. O. B. here, pk., \$1.00;  $\frac{1}{2}$  bu., \$1.75; bu., \$3.00.

**BLUE VICTOR.** An old time favorite. A wonderful keeper. A good yielder. One of the best quality eating potatoes. Does not boil to pieces. F. O. B. here, peck, \$1.00;  $\frac{1}{2}$  bu., \$1.75; bu., \$3.00.

**BLUE SALAD POTATOES.** A novelty for the home garden. Dark blue skin and flesh. 1 lb. Postpaid, 30c; F. O. B. here, 5 lbs., 50c.

### POTATO EYES

We can furnish carefully cut eyes from any of the above varieties. These dry out in very dry weather quicker than larger pieces but otherwise are very satisfactory. They save considerable intransportation costs. Price, 100 postpaid, 75c; 1000, \$6.50. F. O. B. here, 1000, \$5.50.

**WEEDONE.** Kills poison ivy, dandelions, bindweed and practically all other broad leaved weeds and garden plants including Russian thistle and plaintain. Does not injure grass. Use one part to 60 to 100 parts water. Postpaid, 6 oz. (enough for 300 sq. ft.), \$1.00; F. O. B. here; 1 qt., \$3.00; gallon, \$10.00; 5 gals. @ \$7.00 per gal.

**DUPONT AMMATE WEED KILLER.** (P.) A new very effective weed killer. Kills poison ivy, brush and trees as well as weeds. 2 lb. pkg., 75c; postpaid, 90c; 6 lb. pkg., \$2.50.

**KARNEX.** A 2-4-D selecting weed killer. Kills weeds and not grass. Pellet form to dissolve in water. 25 pellet-bottle, \$1.00; 100 Pellets, \$3.40.

**HORMEX.** The hormone spray. Stops pre-harvest drop of apples and fruits. Holds apples on the tree to maturity of size and color. Also can be used to reduce drop of garden flower buds and blossoms. Garden package, postpaid, 75c.



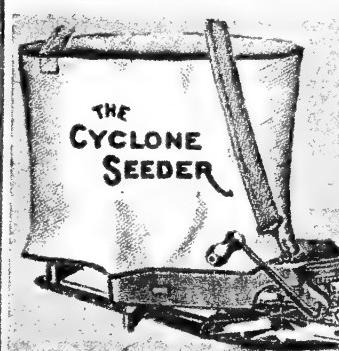
**DOWAX.** To spray on evergreen and other Nursery Stock for winter protection. Price, F. O. B. here, 1 lb., 45c; 5 lbs. @ 42c.

**NEW SEAMLESS COTTON GRAIN SACKS.** Write for prices.

**ROOT GROWTH STIMULATOR.** The newest marvel in chemical application to roots, plants, bulbs, etc. Stimulates root growth to an unbelievable extent and permits the quick rooting of cuttings. Minimum size package will treat several hundred items. Each, \$1.00; postpaid, \$1.10.



The ideal  
tool for  
the flower  
bed or  
small gar-  
den. A ne-  
cessity to every  
gardener. Price,  
postpaid, 25c  
each; \$2.50 per doz.



To broadcast  
Grain, Grass and  
Clover Seed. Also  
to Seed Onions and  
Rutabaga. Full in-  
structions and di-  
rections on every  
machine. Price,  
postpaid, each,  
\$2.75; F.O.B. Bis-  
marck, \$2.60.

### SPRAYERS

22GO Banner (4 gallon Steel Tank).....	\$ 7.50	No. 15S Spraymaster (3 quart).....	\$2.00
No. 142—Blizzard (1 qt. Copper Tank).....	2.75	20G Big Boy (Glass Jar Sprayer).....	.75
Smith Flame Gun.....	22.45	No. 36D Dustmaster (Glass Jar Duster).....	1.25

**Write for Prices on Garden Seeders & Cultivators**

# Fertilizers for All Purposes

Prices Subject to Change Without Notice.

Experiments during the past few years have shown that phosphorus is the most needed element in most prairie soils.

The three necessary elements in plant growth which are not always present in the soil are nitrogen, which stimulates luxuriant growth; phosphorus, which has a tendency to force bearing and hasten maturity, and potash which stimulates growth, delays maturity of grains and grasses but hastens maturity in root crops. For gardens, yards, lawns and small intensively cultivated areas the ready prepared fertilizers such as Vigoro are the most economical and convenient to use and the best adapted.

## VIGORO

*Complete plant food*

For lawn, flowers, small fruits and the vegetable garden Vigoro is the ideal fertilizer. Apply it to the lawn in early spring and watch the grass turn green and grow luxuriously. It improves both the quality and quantity of all kinds of flowers, both annual and perennial and will add greatly to the quality and the production of your vegetables, small fruits and ornamental shrubs.

Vigoro contains all the 11 elements needed for proper plant nourishment.

Use 4 lbs. to 100 Sq. Ft.—Prices F. O. B. Here, 100 lbs., \$4.00; 50 lbs., \$2.50; 25 lbs., \$1.50; 10 lbs., 85c; 5 lbs., 45c; 1 lb., 10c, postpaid 18c.



## HYponex PLANT FOOD



Hyponex is a clean, odorless, soluble powder which, with water, is a complete plant food. It grows bigger and better plants in poorest soil, even in sand, cinders or water—indoors or outdoors. Assures larger and more flowers, increased quantities of vegetables, and more prolific growth for grass, plants, bushes and trees. 1 lb. makes 100 gallons; 1 oz. makes 6 gallons; 1 teaspoon makes 1 gallon.

1 oz., postpaid, 18c; 3 oz., 30c; 1 lb., \$1.15.

TRUMP GARDEN TROWEL. Each, 25c. Postpaid, 30c.

## GAINES ANTARCTIC TESTED DOG FOOD

GAINES MEAL. F.O.B. here, 2 lbs., 30c; write for prices on larger lots.

GAINES KRUNCHEONS. F.O.B. here, 2 lbs., 29c; write for prices on larger lots.

## NITRAGIN INOCULANT



- Type "A," Alfalfa and Sweet Clover, 1 Bu. size, 50c; 2½ Bu. size, \$1.00.
- Type "B," Alsike, Red and other Clovers, 1 Bu. size, 50c; 2½ Bu. size, \$1.00.
- Type "C," Peas, Garden, Sweet, Field, 100 Lb. size, 50c.
- Type "D," Field and Garden Beans, 1 Bu. size, 35c.
- Type "L," Lespedeza, 100 Lb. size, 50c.
- Type "S," Soy Beans, 120 Lb. size, 30c; 300 Lb. size, 55c; 25 Bu. size, \$2.50.

Add 7c  
per pkg. for  
postage

Garden Size for all Garden Legumes. Enough for 6 Lbs. Seed. Pkg. each, postpaid, 10c.

## FOR TREATING SEED GRAIN, POTATOES, CORN, ETC.

### New Imp. CERESAN

2 oz. to 1 bu. seed.

For Grain

For wheat, oats and barley smut control. F. O. B. Bismarck, 4 oz., 30c; 1 lb., 80c; 4 lbs., \$2.70.

SEMESAN For Garden and Flower Seeds and Bulbs. Price F. O. B. Bismarck, 12 oz., \$1.88. Postpaid 1/3 oz. pkt., 12c; 2 oz. pkt., 43c.

ARASAN. For treating vegetables, Corn, root crops, etc. F.O.B. Bismarck, 1 oz. (enough for 1 bu. corn) pkg., 16c; 8 oz. can, 80c; 5 lb. can, \$6.45. Postpaid, 1 oz., 21c.

### SEMESAN, JR.

1 ½ oz. to 1 bu. seed.

For Corn

For Corn diseases. F. O. B. Bismarck, 1 ½ oz., 15c; 12 oz., 56c; 6 ¼ lbs., \$3.75.

### SEMESAN, BEL

2 oz. to 1 bu. seed potatoes.

For Potatoes

Offers greater control of seed potato diseases. F. O. B. Bismarck, 2 oz., 30c; 1 lb., \$1.65; 4 lbs., \$5.70.

# INSECTICIDES

## WHAT TO USE FOR INSECTS:

**Ants**—Cyanogas Ant Killer; DDT Dust.

**Aphids**—Fish Oil Soap; Black Leaf "40"; Tobacco Dust; Garden Guard; Bugex; Nnor.

**Blisters Beetles**—Sodium Fluoride; Garden Guard; Bugex; DDT Dust.

**Caterpillars**—Garden Guard; Any Arsenical; Bugex; DDT Dust.

**Cut Worms**—Will's Cut Worm Bait; Carco.

**Flea Beetles**—DDT Dust; Garden Guard; Kryocide D-50.

**Grasshoppers**—DDT Dust; Will's Cut Worm and Hopper Bait.

**Leafhoppers**—Garden Guard; Black Leaf "40"; Bugex; Lime Sulphur; DDT Spray; Nnor.

**Lice** on plants, same as for Aphids. On Cattle—Sodium Fluoride—Cattle DDT Dust—On Chickens—Will's Louse Powder.

**Mites**—Same as for Aphids.

**Potato Bugs**—Red River Potato Mix; London Purple; Paris Green; Arsenate of Lead; Calcium Arsenate.

## FOR FUNGUS & BLIGHT:

Bordeaux Mixture; Lime Sulphur; Dusting Sulphur; Tomato Dust.

## FOR PLANT DISEASE:

**Wheat Smut**—New Improved Ceresan.

**Corn Diseases**—Semesan, Jr., Arasan.

**Potato Diseases**—Semesan Bel.

**Garden and Flower Seeds**—Bulbs—Semesan.

## FOR RODENTS:

**Gophers**—Gopher Poison.

**Mice**—Sanased.

**Rats**—Topzol. Antu.

**KRYOCIDE D-50.** A mixed dust for all chewing and biting insects and a fungus or blight killer also. 1 lb., 50c; postpaid, 60c.  
**LONDON PURPLE.** (P.) A high grade, quick-acting arsenical potato poison. Prices, postpaid, 1/4 lb., 20c; 1 lb., 38c. F. O. B. here, 1/4 lb., 15c; 1 lb., 31c; 4 lbs., 50c.

**PARIS GREEN.** (P.) Powerful, quick-acting potato bug dope. Price, postpaid, 1/4 lb., 25c; 1 lb., 63c. F. O. B. here, 1/4 lb., 20c; 1 lb., 55c; 5 lbs., \$2.45.

**NNOR ROTENONE SPRAY**, for all common garden pests (a non-poisonous aphis spray)—worms, beetles, weevils, etc. 1 oz. bottle, 40c, postpaid. F. O. B. here, 1 oz., 35c, 6 oz., \$1.00.

**CATTLE DDT DUST.** For cattle lice, ticks, etc., also effective for other live stock. 1 lb. package, \$1.15.

**DDT GARDEN DUST.** Effective against nearly all garden pests except aphis. 1 lb. pkg., \$1.00.

**DDT GARDEN SPRAY.** Dilute 1 oz. to 6 gallons of water. Kills most garden pests except aphis. Has a lasting effect even after rains. 1 oz. bottle, 35c; pint, \$2.60.

**DDT AIROSOL BOMB or ATOMIZER.** One of the most effective means of killing insects indoors—flies, mosquitoes, gnats, fleas, ants, moths, roaches, bed bugs, crickets, etc. Price, F.O.B. here, \$2.95.

**POTATO MIX, RED RIVER.** (P.) Potato spray containing both copper and an arsenical. Controls insects and disease.

Price, postpaid, 1 lb., 43c. F. O. B. here, 1 lb., 35c; 4 lbs., 85c.

**ANTU NEW RAT EXTERMINATOR.** (P.) One of the surprising new chemical developments. See magazine advertising.

Small size, 40c postpaid; F. O. B. here, 35c; large size, \$1.10 postpaid; F. O. B. here, \$1.00.

**RAT BAIT**—Topzol. (N.P.) Not harmful to man and domestic animals. Red Squill Baits packed individually. Scent-proof. Price, postpaid, pkg., 24c. F. O. B. here, 20c.

**SANASEED**—Mouse Seed. (P.) Natural mouse feed. Very attractive to mice. Price, postpaid, pkg., 17c. F. O. B. here, 15c.

**SODIUM FLUORIDE.** (P.) Fine against roaches and stock lice. Price, postpaid, 1 lb., 38c. F. O. B. here, 1 lb., 30c.

**TOMATO DUST.** (P.) A combination remedy against both tomato blight and general insect damage.

**TOBACCO DUST.** (P.) Excellent against aphis and plant lice. Price, postpaid, 1 lb., 20c. F. O. B. here, 1 lb., 12c; 5 lbs., 50c.

Prices Subject to Change—Ask for Prices on Larger Lots. All Prices F.O.B. Bismarck Unless Otherwise Stated. All Mailable. We are unable to quote on some items as we go to press. Please write for prices.



North Dakota customers must add 2% sales tax on insecticides.

**CYANOGEN GAS ANT KILLER.** 4-oz. bottle—enough to kill a million ants. F. O. B. here, 30c.

**CYANOGEN GAS-DUST.** A gas producing powder—kills all burrowing pests. F. O. B. here 1 lb., 75c; 5 lbs., \$3.00.

**CYANOGEN GAS-FUMIGANT.** For fumigating flour mills, grain warehouses and greenhouses. F. O. B. here, 5 lbs., \$3.00; 25 lbs., \$10.00; 100 lbs., \$25.00.

**ARSENATE OF LEAD.** (P.) Primarily used against leaf eating and soil insects. F. O. B. here, 1 lb., 40c; 4 lbs., \$1.00.

**BLACK LEAF "40."** (P.) For Aphis. A fine sheep dip, poultry Roost paint against lice and general contact spray. Keeps dogs from shrubs and trees. Price, postpaid, 1 oz. bottle (makes 6 gallons), 40c. F. O. B. here, 1 oz. bottle, 35c; 5 oz. bottle, \$1.05; 5 lbs., \$6.70.

**BORDEAUX MIXTURE.** (P.) Controls scab, rust, rot, blight, mildew, leaf spot, anthracose and other fungus disease of fruit and truck crops. Price, postpaid, 1 lb. can, 48c. F. O. B. here, 1 lb. can, 40c; 4 lbs., \$1.00.

## WILL'S BUGEX DUST

Non-Poisonous—Safe—Effective—Economical

A Non-Poisonous Dusting Powder for the control of a wide range of insect pests in your garden. Contains Rotenone. BUGEX Dusting Powder is a very uniform product of High Killing Power. Price, F. O. B. here, 1 lb., pkg., 45c; postpaid, 55c.

**DDT BUGEX.** A new compounded dust with the extra strength and range produced by the addition of DDT. Useful for agriculture and household and animal pests as well. 1 lb. pkg., 50c; postpaid, 60c.

**CARBOLA with D.D.T.** A disinfecting white wash paint and dusting powder, for barns, coops, etc. Brush or spray on. Postpaid, 1 lb., 35c. F. O. B. here; 1 lb., 25c; 5 lbs., 80c; 10 lbs., \$1.35.

**CARCO.** (P.) A soil spray against cut worm and other ground pests. 1 pt. makes 8 1/2 gallons of solution. Postpaid 90c pint. F. O. B. here, 75c pint.

**CUT WORM AND HOPPER BAIT.** (P.) Dry bait—sure death to Hoppers, cut worms, snails, etc. Prices, postpaid, 1 lb., 32c; 5 lbs., \$1.25. F. O. B. here, 1 lb., 25c; 5 lbs., \$1.00.

**CROW REPELLENT.** (P.) A repellent which crows, blackbirds, moles, pheasants, larks, gophers and squirrels hate, hence will not touch treated seeds; is economical, costing about 10 cents per acre of planted ground, and is easy to use. This is the most effective of all crow repellents. 1 bu. size (to treat seed), 50c; postpaid, 60c.

**CUPROCIDE.** (P.) A copper fungus killer particularly useful for tomato blight. Pkg. to make 2 gals. of solution, 10c; postpaid, 13c.

**DOG REPELLENT.** A spray, 3 oz. bottle. Use around base of evergreens, etc. Postpaid, 42c. F. O. B. here, 35c.

**PRUNING PAINT.** (NP.) For all tree wounds, whatever the cause. Price, postpaid, 1/2 pt., 44c; pt., 78c. F. O. B. here, 1/2 pt., 40c; pt., 70c; qt., \$1.20; gal., \$3.25.

**LIME SULPHUR.** (NP.) Very dependable dormant insecticide and fungicide. A repellent for rabbits when painted on young trees. Price, postpaid, 1 lb., 42c. F. O. B. here, 1 lb., 35c; 5 lbs., \$1.55.

**DUSTING SULPHUR.** (NP.) For mildew on roses and other fungus diseases. Price, postpaid, 1 lb., 25c; 3 lbs., 65c. F. O. B. here, 1 lb., 20c; 3 lbs., 55c.

**EMO-NIK.** (P.) An oily spray especially good for red spider, but also against Aphis, Mealy Bug, Mildew, White Fly, Scale, etc. 4 1/2 oz. bottle postpaid, each, 45c; pt., 78c.

**FISH OIL SOAP.** (NP.) Used to wash plants and as spreader for insecticides. Kills Aphis. Postpaid 1 lb., 43c. F. O. B. here, 1 lb., 35c.

**ROTELONE GARDEN GUARD.** (NP.) A non-poisonous dusting powder. Every particle active. Gives immediate control over many insects, including such hard-to-kill bugs as Squash Bugs and cucumber beetles. A light dusting in your vegetable and flower garden will bring quick results. Price, postpaid, 1 lb., 48c. F. O. B. here, 1 lb., 40c; 4 lbs., 90c.

**GOPHER & GENERAL RODENT POISON.** Extra strength poisoned oats for exterminating all sorts of rodents—gophers, rats, mice, prairie dogs, etc. F. O. B. here, 8 lb. sack, 85c; 16 lb. sack, \$1.70; 32 lbs., \$3.20.

**KRYOCIDE.** (P.) A fluorine compound for either dusting or spraying. A remedy against biting and chewing insects on cabbage, cucumber, potatoes, tomatoes, etc. 1 lb., 35c; postpaid, 45c.

**NNOR ROTENONE SPRAY**, for all common garden pests (a non-poisonous aphis spray)—worms, beetles, weevils, etc. 1 oz. bottle, 40c, postpaid. F. O. B. here, 1 oz., 35c, 6 oz., \$1.00.

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**TOBACCO DUST.** (P.) Excellent against aphis and plant lice. Price, postpaid, 1 lb., 20c. F. O. B. here, 1 lb., 12c; 5 lbs., 50c.

**MANAMAR FEEDS & OTHER FEED ITEMS**

Owing to the great uncertainty of feed prices and supplies we are quoting none in our catalog.

Please write for price list on our line of Pioneer Brand Manamar Feeds, Concentrates, Minerals, Oyster Shells, etc.

We can also quote on poultry founts, feeders, brooders, etc., upon request.

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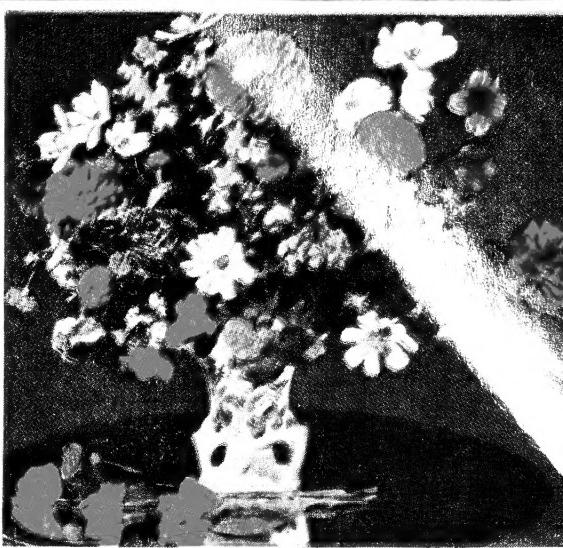
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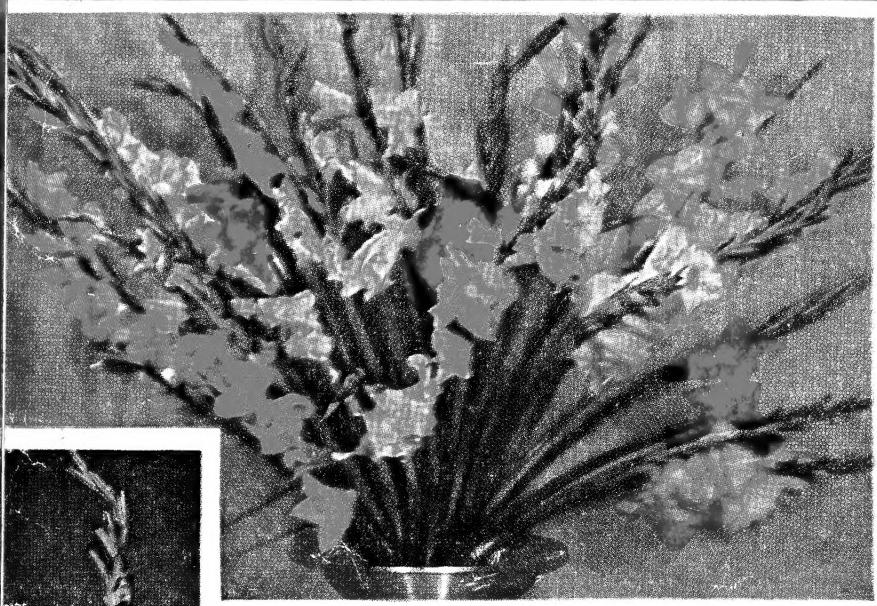


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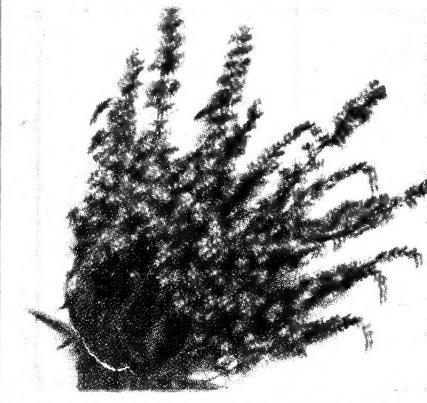


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